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Publications of the Rocky Mountain Forest and Range Experiment Station 1953-73

PUBLICATIONS — 1973

PUBLICATIONS — 1969

PUBLICATIONS — 1965

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PUBLICATIONS — 1957

PUBLICATIONS — 1953

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Rocky Mountain Forest and
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Forest Service
U.S. Department of Agriculture
Fort Collins, Colorado 80521

**Publications of the
Rocky Mountain Forest and Range Experiment Station
1953-73**

compiled by
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*Station's central headquarters is maintained at Fort Collins, in cooperation with
Colorado State University.*

PREFACE

This list includes all publications of the Rocky Mountain Station since 1953. That year, the Southwestern Forest and Range Experiment Station was consolidated with the Rocky Mountain Forest and Range Experiment Station, and the combined headquarters was established at Fort Collins, Colorado. The Station's Annual Reports, issued each year until 1972, are not included in this list.

As the initial phase of a National information retrieval system for the USDA Forest Service, publications are listed alphabetically by author. The next phase will be a subject matter listing, with an annotation for each publication, and a cross-referenced index by senior and junior authors. Another phase of this project will be a complete list of all publications for both Stations, prior to 1953.

Periodical abbreviations are based on those of the American Standards Institute at the time this project began. All contributions by the same author have been listed together, although some articles were published with initials only, and others have used the given name.

Comments are welcomed in case corrections are needed before the subject matter list is published.

**Indicates an author who is either a private, Federal, or State cooperator.*

A

ALDON, EARL F.

1958.

A wet year on Beaver Creek.
Ariz. Wildl.-Sportsman 29(4):22-23.

ALDON, EARL F.

1960.

Watershed management research in the ponderosa pine type.
p. 17-23. In Watershed management research in Arizona, progress report, 1959. 80 p. U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Fort Collins, Colo.

ALDON, EARL F.

1961.

Instructions for maintenance and adjustment of FW-1 water-level recorders.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 67, 14 p.

ALDON, EARL F.

1963.

Sediment production as affected by changes in ground cover under semiarid conditions on the Rio Puerco drainage in west central New Mexico.
Am. Geophys. Union Trans. 44:872-873. (Abstr.)

ALDON, EARL F.

1964.

Ground-cover changes in relation to runoff and erosion in west-central New Mexico.
U. S. For. Serv. Res. Note RM-34, 4 p.

ALDON, EARL F.

1966.

Deferred grazing and soil ripping improves forage on New Mexico's Rio Puerco drainage.
N. M. Stockman 31(11):44, 46.

ALDON, EARL F.

1968.

Detrimental effect of Russianthistle on semidesert range in west-central New Mexico.
U. S. For. Serv. Res. Note RM-109, 2 p.

ALDON, EARL F.

1968.

Moisture loss and weight of the forest floor under pole-size ponderosa pine stands.
J. For. 66:70-71.

ALDON, EARL F.

1969.

Alkali sacaton seedling survival and early growth under temperature and moisture stress.
USDA For. Serv. Res. Note RM-136, 4 p.

ALDON, EARL F.

1969.

Alkali sacaton seedlings: Germination and survival in an agar and soil medium.
USDA For. Serv. Res. Note RM-156, 3 p.

ALDON, EARL F.

1970.

Fourwing saltbush can be field planted successfully.
USDA For. Serv. Res. Note RM-173, 2 p.

ALDON, EARL F.

1970.

Fourwing saltbush survival after inundation.
USDA For. Serv. Res. Note RM-165, 2 p.

ALDON, EARL F.

1970.

Growing fourwing saltbush transplants for field planting.
USDA For. Serv. Res. Note RM-166, 3 p.

ALDON, EARL F.

1970.

Improving survival of alkali sacaton seedlings under adverse conditions.
USDA For. Serv. Res. Note RM-177, 3 p.

ALDON, EARL F.

1970.

Reactivating soil ripping treatments for runoff and erosion control in the Southwest.
Am. Geophys. Union Trans. 51:754. (Abstr.)

ALDON, EARL F.

1972.

Critical soil moisture levels for field planting fourwing saltbush.
J. Range Manage. 25:311-312.

ALDON, EARL F.

1972.

Meander protection for stabilizing vertical gully walls.
Am. Geophys. Union Trans. 53:977. (Abstr.)

ALDON, EARL F.

1972.

Reactivating soil ripping treatments for runoff and erosion control in the Southwestern US.
Ann. Arid Zone 11:154-160.

ALDON, EARL F.

1973.

Revegetating disturbed areas in the semiarid Southwest.
J. Soil Water Conserv. 28:223-225.

ALDON, EARL F., AND F. J. BROWN, JR.*

1964.

Construction of a prefabricated fiberglassed plywood flume for gaging ephemeral streams.
Am. Geophys. Union Trans. 45:54-55. (Abstr.)

ALDON, EARL F., AND FLETCHER J. BROWN, JR.*

1965.

A prefabricated flume for gaging ephemeral streams.
U. S. For. Serv. Res. Note RM-55, 8 p.

ALDON, EARL F., AND H. GASSAWAY BROWN III.*

1971.

Geologic soil groupings for the pinyon-juniper type on National Forests in New Mexico.
USDA For. Serv. Res. Note RM-197, 4 p.

ALDON, EARL F., AND GEORGE GARCIA.

1967.

Summer deferred grazing can improve deteriorated semidesert ranges.
U. S. For. Serv. Res. Note RM-95, 3 p.

ALDON, EARL F., AND GEORGE GARCIA.

1971.

Stocking rangelands on the Rio Puerco in New Mexico.
J. Range Manage. 24:344-345.

ALDON, EARL F., AND GEORGE GARCIA.

1972.

Vegetation changes as a result of soil ripping on the Rio Puerco in New Mexico.
J. Range Manage. 25:381-383.

ALDON, EARL F., AND GEORGE GARCIA.

1973.

Seventeen-year sediment production from a semiarid watershed in the Southwest.
USDA For. Serv. Res. Note RM-248, 4 p.

ALDON, EARL F., O. D. KNIPE, AND GEORGE GARCIA.

1973.

Revegetating devastated sites in New Mexico with western wheatgrass transplants.
USDA For. Serv. Res. Note RM-243, 3 p.

ALDON, EARL F., AND H. W. SPRINGFIELD.

1973.

Revegetating coal mine spoils in New Mexico: A laboratory study.
USDA For. Serv. Res. Note RM-245, 4 p.

ALDON, EARL F., AND H. W. SPRINGFIELD.

1973.

The southwestern pinyon-juniper ecosystem: A bibliography.
USDA For. Serv. Gen. Tech. Rep. RM-4, 20 p.

ALEXANDER, ROBERT R.

1954.

Mortality following partial cutting in virgin lodgepole pine.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 16, 9 p.

ALEXANDER, R. R.

1956.

A comparison of growth and mortality following cutting in old-growth mountain spruce-fir stands.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 20, 4 p.

ALEXANDER, R. R.

1956.

Two methods of thinning young lodgepole pine in the central Rocky Mountains.
J. For. 54:99-102.

ALEXANDER, R. R.

1957.

Damage to advanced reproduction in clearcutting spruce-fir.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 27, 3 p.

ALEXANDER, R. R.

1957.

Preliminary guide to stand improvement in cutover stands of spruce-fir.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 26, 6 p.

ALEXANDER, R. R.

1958.

Silvical characteristics of Engelmann spruce.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 31, 20 p.

ALEXANDER, R. R.

1958.

Silvical characteristics of subalpine fir.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 32, 15 p.

ALEXANDER, ROBERT R.

1960.

Thinning lodgepole pine in the central Rocky Mountains.
J. For. 58:99-104.

ALEXANDER, ROBERT R.

1963.

Harvest cutting old-growth mountain spruce-fir in Colorado.
J. For. 61:115-119.

ALEXANDER, ROBERT R.

1964.

Minimizing windfall around clear cuttings in spruce-fir forests.
For. Sci. 10:130-142.

ALEXANDER, ROBERT R.

1965.

Growth of thinned young lodgepole pine in Colorado.
J. For. 63:429-433.

ALEXANDER, ROBERT R.

1966.

Establishment of lodgepole pine reproduction after different slash disposal treatments.
U. S. For. Serv. Res. Note RM-62, 4 p.

ALEXANDER, ROBERT R.

1966.

Harvest cutting old-growth lodgepole pine in the central Rocky Mountains.
J. For. 64:113-116.

ALEXANDER ROBERT R.

1966.

Site indexes for lodgepole pine, with corrections for stand density: Instructions for field use.
U. S. For. Serv. Res. Pap. RM-24, 7 p.

ALEXANDER, ROBERT R.

1966.
Stocking of reproduction on spruce-fir clearcuttings in Colorado.
U. S. For. Serv. Res. Note RM-72, 8 p.

ALEXANDER, ROBERT R.

1967.
Site indexes for Engelmann spruce in the central Rocky Mountains.
U. S. For. Serv. Res. Pap. RM-32, 7 p.

ALEXANDER, ROBERT R.

1967.
Windfall after clearcutting on Fool Creek—Fraser Experimental Forest, Colorado.
U. S. For. Serv. Res. Note RM-92, 11 p.

ALEXANDER ROBERT R.

1968.
Natural reproduction of spruce-fir after clearcutting in strips, Fraser Experimental Forest.
U. S. For. Serv. Res. Note RM-101, 4 p.

ALEXANDER, ROBERT R.

1969.
Seedfall and establishment of Engelmann spruce in clearcut openings: A case history.
USDA For. Serv. Res. Pap. RM-53, 8 p.

ALEXANDER, ROBERT R.

1971.
Crown competition factor (CCF) for Engelmann spruce in the central Rocky Mountains.
USDA For. Serv. Res. Note RM-188, 4 p.

ALEXANDER, ROBERT R.

1971.
Initial partial cutting in old-growth spruce-fir.
USDA For. Serv. Res. Pap. RM-76, 8 p.

ALEXANDER, ROBERT R.

1972.
Initial partial cutting in old-growth spruce-fir.
USDA For. Serv. Res. Pap. RM-76, 10 p. (Rev.)

ALEXANDER, ROBERT R.

1972.
Partial cutting practices in old-growth lodgepole pine.
USDA For. Serv. Res. Pap. RM-92, 16 p.

ALEXANDER, ROBERT R.

1973.
Partial cutting in old-growth spruce-fir.
USDA For. Serv. Res. Pap. RM-110, 16 p.

ALEXANDER, ROBERT R., AND JESSE H. BUELL.

1955.
Determining the direction of destructive winds in a Rocky Mountain timber stand.
J. For. 53:19-23.

ALEXANDER, ROBERT R., AND DANIEL L. NOBLE.

1971.
Effects of watering treatments on germination, survival, and growth of Engelmann spruce: A greenhouse study.
USDA For. Serv. Res. Note RM-182, 6 p.

ALEXANDER, ROBERT R., DAVID TACKLE, * AND WALTER G. DAHMS.*

1967.
Site indexes for lodgepole pine, with corrections for stand density: Methodology.
U. S. For. Serv. Res. Pap. RM-29, 18 p.

AMMAN, GENE D., * AND PAUL H. BALDWIN.*

1960.
A comparison of methods for censusing woodpeckers in spruce-fir forests of Colorado.
Ecology 41:699-706.

ANDERSON, DARWIN, LOUIS P. HAMILTON, * HUDSON G. REYNOLDS, AND ROBERT R. HUMPHREY.*

1953.
Reseeding desert grassland ranges in southern Arizona.
Ariz. Agric. Exp. Stn. Bull. 249, 32 p.

ANDERSON, DARWIN, LOUIS P. HAMILTON, * HUDSON G. REYNOLDS, AND ROBERT R. HUMPHREY.*

1957.
Reseeding desert grassland ranges in southern Arizona.
Ariz. Agric. Exp. Stn. Bull. 249, 32 p. (Rev.)

ANDREWS, S. R.

1954.
Effect of pruning on western red rot in young ponderosa pine in the Southwest.
J. For. 52:33-38.

ANDREWS, STUART R.

1954.
Red rot of ponderosa pine in the Southwest.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 15, 11 p.

ANDREWS, STUART R.

1955.
Red rot of ponderosa pine.
U. S. Dep. Agric., Agric. Monogr. 23, 34 p.

ANDREWS, STUART R.

1957.
Dwarf mistletoe of ponderosa pine in the Southwest.
U. S. Dep. Agric. For. Pest Leafl. 19, 4 p.

ANDREWS, S.R.

1967.
Adelopus needle cast.
p. 171-172. In Important Forest Insects and Diseases of Mutual Concern to Canada, the United States and Mexico. North Am. For. Comm., FAO., 248 p., Can. Dep. For. Rural Dev., Ottawa.

ANDREWS, STUART R.

1971.

Red rot of ponderosa pine.

U. S. Dep. Agric. For. Pest Leafl. 123, 8 p.

ANDREWS, STUART R., AND JOHN P. DANIELS.

1960.

A survey of dwarfmistletoes in Arizona and New Mexico.

U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 49, 17 p.

ANDREWS, STUART R., AND WALLACE E. ESLYN.

1960.

Sooty-bark canker of aspen in New Mexico.

Plant Dis. Rep. 44:373.

ARES, FRED N.

1953.

Better cattle distribution through the use of meal-salt mix.

Cattleman 40(7):84, 87-88, 90.

ARES, FRED N.

1953.

Better cattle distribution through the use of meal-salt mix.

J. Range Manage 6:341-346.

ARES, FRED N.

1953.

Better cattle distribution through the use of meal-salt mix.

5 p. In Ranch Day, Oct. 12, Jornada Exp. Range. N. M. Exp. Stn., N. M. Ext. Serv., and Southwest. For. and Range Exp. Stn.

ARES, FRED N.

1953.

Mountain or mesa ranges. A comparison of costs and returns determines relative value of each.

Am. Hereford J. 44:104-105.

ARES, FRED N.

1953.

The use of meal-salt mix for better distribution of cattle.

Am. Cattle Prod. 35(4):9-11.

ARNOLD, JOSEPH F.

1953.

Effect of heavy selection logging on the herbaceous vegetation in a ponderosa pine forest in northern Arizona.

J. For. 51:101-105.

ARNOLD, JOSEPH F.

1955.

Juniper control.

Ariz. Cattlelog 10(9):44-50.

ARNOLD, JOSEPH F.

1955.

Juniper control as a range-improvement practice in central Arizona.

p. 7-10a. In Ranch Day, Oct. 10, Jornada Exp. Range. N. M. Exp. Stn., N. M. Ext. Serv., and Agric. Res. Serv., Rocky Mt. For. and Range Exp. Stn., For. Serv., U. S. Dep. Agric.

ARNOLD, JOSEPH F.

1955.

Plant life-form classification and its use in evaluating range conditions and trend.

J. Range Manage. 8:176-181.

ARNOLD, JOSEPH F.*

1964.

Zonation of understory vegetation around a juniper tree.

J. Range Manage. 17:41-42.

ARNOLD, JOSEPH F.,* DONALD A. JAMESON, AND ELBERT H. REID.

1964.

The pinyon-juniper type of Arizona: Effects of grazing, fire, and tree control.

U. S. Dep. Agric. Prod. Res. Rep. 84, 28 p.

ARNOLD, JOSEPH F., AND W. L. SCHROEDER.*

1955.

Juniper control increases forage production on the Fort Apache Indian Reservation.

U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 18, 35 p.

B

BAGLEY, WALTER T., * AND RALPH A. READ.
1959.
Trees—treat them as you would a cash crop.
Nebr. Exp. Stn. Q. 6(2):10-11.

BAGLEY, WALTER T., * AND RALPH A. READ.
1960.
Some temperature and photoperiod effects on growth of eastern redcedar seedlings.
Iowa State Coll. J. Sci. 34(4):595-602.

BAKER, MALCHUS B., JR., HARRY E. BROWN, AND NORMAN E. CHAMPAGNE, JR.
1971.
Hydrologic performance of the Beaver Creek watersheds during a 100-year storm.
Am. Geophys. Union Trans. 52:828. (Abstr.)

BALDWIN, PAUL H.*
1960.
Overwintering of woodpeckers in bark beetle-infested spruce-fir forests of Colorado.
Int. Ornith. Congr. [Helsinki, 1958] Proc. 12:71-84.

BALDWIN, PAUL H.*
1968.
Woodpecker feeding on Engelmann spruce beetle in windthrown trees.
U. S. For. Serv. Res. Note RM-105, 4 p.

BARANYAY, J. A., * F. G. HAWKSWORTH, AND R. B. SMITH.*
1971.
Glossary of dwarf mistletoe terms.
Dep. Environ., Pac. For. Res. Cent., Can. For. Serv., Victoria, B. C., 42 p.

BARGER, ROLAND L.
1967.
Veneer volume and grade recovery from ponderosa pine in the Southwest.
U. S. For. Serv. Res. Note RM-88, 8 p.

BARGER, ROLAND L.
1970.
Potential for improved wood resource utilization.
Soc. Am. For. [Las Vegas, Nev., Oct. 1970] Abstr. of Pap., p. 15.

BARGER, ROLAND L., AND PETER F. FFOLLIOTT.
1964.
Specific gravity of Arizona Gambel oak.
U. S. For. Serv. Res. Note RM-19, 2 p.

BARGER, ROLAND L., AND PETER F. FFOLLIOTT.
1965.
Specific gravity of alligator juniper in Arizona.
U. S. For. Serv. Res. Note RM-40, 2 p.

BARGER, ROLAND L., AND PETER F. FFOLLIOTT.
1969.
Multiproduct timber inventory.
For. Prod. J. 19:31-36.

BARGER, ROLAND L., AND PETER F. FFOLLIOTT.
1970.
Evaluating product potential in standing timber.
USDA For. Serv. Res. Pap. RM-57, 20 p.

BARGER, ROLAND L., AND PETER F. FFOLLIOTT.
1971.
Effects of extractives on specific gravity of southwestern ponderosa pine.
USDA For. Serv. Res. Note RM-205, 4 p.

BARGER, ROLAND L., AND PETER L. [F.] FFOLLIOTT.*
1971.
Prospects for cottonwood utilization in Arizona.
Progr. Agric. Ariz. 23(3):14-16.

BARGER, ROLAND L., AND PETER F. FFOLLIOTT.
1972.
Physical characteristics and utilization of major woodland tree species in Arizona.
USDA For. Serv. Res. Pap. RM-83, 80 p.

BARGER, ROLAND L., AND HERBERT O. FLEISCHER.*
1964.
New products from low-grade ponderosa pine timber.
U. S. For. Serv. Res. Pap. RM-10, 54 p.

BEARDSLEY, WENDELL.
1967.
Cost implications of camper and campground characteristics in central Colorado.
U. S. For. Serv. Res. Note RM-86, 7 p.

BEARDSLEY, WENDELL.*
1970.
Economic value of recreation benefits determined by three methods.
USDA For. Serv. Res. Note RM-176, 4 p.

BECKER, MAXWELL E.
1956.
Foresters inventorying Colorado timber resources.
Colo. A and M News 11(3):7.

BEETLE, A. A., * W. M. JOHNSON, R. L. LANG, * MORTON MAY, AND D. R. SMITH.*
1961.
Effect of grazing intensity on cattle weights and vegetation of the Bighorn experimental pastures.
Wyo. Agric. Exp. Stn. Bull. 373, 23 p.

BERGEN, JAMES D.
1963.
Vapor transport as estimated from heat flow in a Rocky Mountain snowpack.
Int. Assoc. Sci. Hydrol. Publ. 61:62-74.

BERGEN, JAMES D.
1968.
Atmospheric humidity measurement near the snow surface.
U. S. For. Serv. Res. Note RM-116, 4 p.

BERGEN, JAMES D.

1968.

Cold air drainage on a forested mountain slope.
Am. Meteorol. Soc. Bull. 49:301-302. (Abstr.)

BERGEN, JAMES D.

1968.

Some measurements of air permeability in a mountain snow cover.
Int. Assoc. Sci. Hydrol. Bull. 13(3):5-13.

BERGEN, JAMES D.

1968.

Some observations on temperature profiles of a mountain snow cover.
U. S. For. Serv. Res. Note RM-110, 7 p.

BERGEN, JAMES D.

1969.

Cold air drainage on a forested mountain slope.
J. Appl. Meteorol. 8:884-895.

BERGEN, JAMES D.

1969.

Heated thermopile anemometer compared with sensitive-cup anemometer in natural airflow.
USDA For. Serv. Res. Note RM-147, 4 p.

BERGEN, JAMES D.

1969.

Nocturnal air temperature on a forested mountain slope.
USDA For. Serv. Res. Pap. RM-52, 12 p.

BERGEN, JAMES D.

1969.

Nocturnal radiation loss estimates for a forest canopy.
USDA For. Serv. Res. Note RM-155, 4 p.

BERGEN, JAMES D.

1969.

Topographic effects apparent in nocturnal temperature profiles in a conifer canopy.
Am. Meteorol. Soc. Bull. 50:470. (Abstr.)

BERGEN, JAMES D.

1970.

Measuring illumination within snow cover with cadmium sulfide photo resistors.
USDA For. Serv. Res. Note RM-181, 4 p.

BERGEN, JAMES D.

1970.

A possible relation between grain size, density, and light attenuation in natural snow cover.
J. Glaciol. 9:154-156.

BERGEN, JAMES D.

1970.

Wind speed profiles through a conifer stand.
Am. Meteorol. Soc. Bull. 51:518. (Abstr.)

BERGEN, J. D.

1971.

An inexpensive heated thermistor anemometer.
Agric. Meteorol. 8:395-405.

BERGEN, JAMES D.

1971.

The relation of snow transparency to density and air permeability in a natural snow cover.
J. Geophys. Res. 76:7385-7388.

BERGEN, J. D.

1971.

Topographic effects apparent in nocturnal temperature profiles in a conifer canopy.
Agric. Meteorol. 9:39-50.

BERGEN, JAMES D.

1971.

Vertical profiles of windspeed in a pine stand.
For. Sci. 17:314-321.

BERGEN, JAMES D.

1972.

Windspeed distribution in and near an isolated clearing in a pine stand.
Am. Meteorol. Soc. Bull. 53:1028. (Abstr.)

BERGEN, JAMES D., AND ROBERT H. SWANSON.

1964.

Evaporation from a winter snow cover in the Rocky Mountain forest zone.
West. Snow Conf. [Nelson, B.C., Can., Apr. 1964] Proc. 32:52-58.

BERNDT, HERBERT W.

1960.

Precipitation and streamflow of a Colorado Front Range watershed.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 47, 14 p.

BERNDT, H. W.

1960.

Researcher writes on 'how will' sagebrush affect watersheds.
Wyo. Stockman Farmer 66(4):18.

BERNDT, HERBERT W.

1961.

Some influences of timber cutting on snow accumulation in the Colorado Front Range.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 58, 3 p.

BERNDT, H. W.

1962.

Watershed management research in Wyoming.
Wyo. Univ. Ext. Serv. Range Manage. Notes, April-May-June, 2 p.

BERNDT, H. W.

1964.

Inducing snow accumulation on mountain grassland watersheds.
J. Soil Water Conserv. 19:196-198.

BERNDT, H. W.

1965.

Snow accumulation and disappearance in lodgepole pine clearcut blocks in Wyoming.
J. For. 63:88-91.

BERNDT, HERBERT W., AND ROBERT D. GIBBONS.

1958.

Root distribution of some native trees and understory plants growing on three sites within ponderosa pine watersheds in Colorado.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 37, 14 p.

BERNTSEN, CARL M.

1971.

Forest land classification schemes in the United States.
p. 7-25. In Definition of forest land and methods of land and site classification. Rep. by Charles Carbonnier et al. [Work. Group 1], Sect. 25, Int. Union For. Res. Organ., 56 p. Dep. For. Yield Res., R. Coll. For., Stockholm.

BERNTSEN, CARL M.

1971.

Today's pest control hangups—silvicultural control.
West. For. Pest Comm. [Portland, Oreg., Nov. 1971] Annu. Meet. 1971:19-21. West. For. Conserv. Assoc., Portland, Oreg.

BLACKSTONE, J. B.,* R. W. RICE,* AND W. M. JOHNSON.

1965.

A study of the esophageal fistula sampling technique.
Am. Soc. Anim. Sci., West Sect. [Fort Collins, Colo., July 1965] Proc. 16:75-1 to 75-6.

BLACKSTONE, J. B.,* R. W. RICE,* AND W. M. JOHNSON.

1965.

A study of the esophageal fistula sampling technique.
J. Anim. Sci. 24:600-601. (Abstr.)

BLAIR, BYRON O., AND GEORGE E. GLENDENING.

1953.

Intake and movement of herbicides injected into mesquite.
Bot. Gaz. 115:173-179.

BLAISDELL, JAMES P.,* VINSON L. DUVALL,* ROBERT W. HARRIS,* R. DUANE LLOYD, AND ELBERT H. REID.

1970.

Range ecosystem research: The challenge of change.
U. S. Dep. Agric., Agric. Info. Bull. 346, 26 p.

BLAISDELL, JAMES P.,* VINSON L. DUVALL,* ROBERT W. HARRIS,* R. DUANE LLOYD, AND ELBERT H. REID.

1970.

Range research to meet new challenges and goals.
J. Range Manage. 23:227-234.

BLANKENSHIP, JAMES O.,* AND DIXIE R. SMITH.

1966.

Indirect estimation of standing crop.
J. Range Manage. 19:74-77.

BLANKENSHIP, JAMES O.,* AND DIXIE R. SMITH.

1967.

Breaking seed dormancy in Parry's clover by acid treatment.
J. Range Manage. 20:50.

BOEKER, E. L.,* AND HUDSON G. REYNOLDS.

1966.

Deer and elk habitat improvement studies in southern New Mexico.
Wildl. Soc., N. M.-Ariz. Sect. [Show Low, Ariz., Feb. 1966] Proc. 5:29-35.

BOEKER, ERWIN L.,* VIRGIL E. SCOTT,* HUDSON G. REYNOLDS, BYRON A. DONALDSON.*

1972.

Seasonal food habits of mule deer in southwestern New Mexico.
J. Wildl. Manage. 36:56-63.

BOHNING, JOHN W.

1955.

The effects of prescribed burning a grass shrub range on burroweed, cholla, pricklypear, mesquite and other shrubs.

p. 11-13. In Ranch Day, Oct. 10, Jornada Exp. Range. N. M. Exp. Stn., N. M. Ext. Serv., and Agric. Res. Serv., Rocky Mt. For. and Range Exp. Stn., For. Serv., U. S. Dep. Agric.

BOHNING, JOHN W.

1956.

What will burning do for your semidesert range.
Ariz. Stockman 22(11):14-15.

BOHNING, JOHN W.

1958.

Salting for better livestock distribution.
Ariz. Cattlelog 13(5):60-61.

BOHNING, JOHN W.

1958.

Who can afford to haul water.
Am. Hereford J. 49:656-657.

BOHNING, J. W.

1959.

Salting for better livestock distribution.
p. 30-31. In Your range—its management. Ariz. Agric. Exp. Stn. and Ariz. Ext. Serv. Spec. Rep. 2, 35p.

BOHNING, JOHN W., AND S. CLARK MARTIN.

1956.

One rancher's experience—in the grassland range of southern Arizona.
J. Range Manage. 9:258-260.

BOLDT, CHARLES E.
1963.
Stand volume tables for immature ponderosa pine in the Black Hills.
U. S. For. Serv. Res. Note RM-5, 4 p.

BOLDT, CHARLES E.
1968.
Survival and early growth of ponderosa pine planting stock in the Black Hills.
U. S. For. Serv. Res. Note RM-97, 4 p.

BOLDT, CHARLES E.
1969.
Jack pine plantations in the Nebraska sandhills.
J. For. 67:96-100.

BOLDT, CHARLES E.
1970.
Sequential thinnings boost productivity of a ponderosa pine stand in the Black Hills of South Dakota.
USDA For. Serv. Res. Note RM-172, 7 p.

BOLDT, CHARLES E.
1971.
Stocking and growth in even-aged forest stands: A simple, instructional model.
S. D. Acad. Sci. Proc. 50:79-84.

BOLDT, CHARLES E.
1973.
Central and southern Rocky Mountain types: Black Hills ponderosa pine.
p. 52-53. In Silvicultural systems for the major forest types of the United States. U.S. Dep. Agric., Agric. Handb. 445, 124 p.

BOLDT, C.E., AND CARL ARBOGAST, JR.
1960.
Charcoal kiln operation for improved timber stands.
For. Prod. J. 10(1):42-44.

BOLDT, C. E., AND C. [D.] MARKSTROM.
1972.
Rapid growth and wood quality in Black Hills ponderosa pine.
For. Prod. Res. Soc. [Dallas, Tex., June 1972] Abstr. 26:6.

BOLDT, CHARLES E., AND TEJA SINGH.*
1964.
Root development of ponderosa pine transplants at Lincoln, Nebraska.
U. S. For. Serv. Res. Note RM-20, 4 p.

BONGBERG, J. W., AND R. K. BENNETT.
1954.
Forest insect conditions in New Mexico and Arizona as revealed by detection surveys during 1953.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Unnumbered Publ., 11 p.

BOSS, GARY D.,* AND T. O. THATCHER.*
1970.
Mites associated with *Ips* and *Dendroctonus* in southern Rocky Mountains with special reference to *Iponemus truncatus* (Acarina: Tarsonomidae).
USDA For. Serv. Res. Note RM-171, 7 p.

BOSTER, RON S.
1971.
A critical appraisal of the environmental movement.
J. For. 69:12-16.

BOSTER, RONALD S.
1971.
Ground water and the environmental movement.
Ground Water 9(1):2-4.

BOSTER, RON S.
1973.
On the criteria for and the possibility of quantifying the aesthetic aspects of water resource projects.
p. 6-21. In Toward a technique for quantifying aesthetic quality of water resources. Perry J. Brown, ed. [Colloq., Park City, Utah, Oct. 1972]. Inst. Water Resour., Dep. Army, Corps Eng. PRWG-120-2, 91 p. Utah State Univ., Logan.

BOSTER, RON S., AND TERRY C. DANIEL.*
1972.
Measuring public responses to vegetative management.
p. 38-43. In 16th Annu. Ariz. Watershed Symp. [Phoenix, Ariz., Sept. 1972] Proc. Ariz. Water Comm. Rep. 2, 43 p. Phoenix, Ariz.

BOSTER, RON S., AND LESTER R. DAVIS.
1972.
Soil-loss considerations in chaparral-to-grass conversions.
p. 243-250. In Watersheds in Transition Symp. [Fort Collins, Colo., June 1972] Proc. Ser. 14, 405 p. Am. Water Resour. Assoc., Urbana, Ill.

BOSTER, RONALD S., AND WILLIAM E. MARTIN.*
1972.
The value of primary versus secondary data in interindustry analysis: A study in the economics of the economic models.
Ann. Reg. Sci. 6(2):35-44.

BREWER, J. W.,* AND ROBERT E. STEVENS.
1972.
Biology of the pinyon pitch nodule moth in Colorado.
J. Colo.-Wyo. Acad. Sci. 7:68-69. (Abstr.)

BREWER, J. WAYNE,* AND ROBERT E. STEVENS.
1973.
The pinyon pitch nodule moth in Colorado.
Entomol. Soc. Am. Ann. 66:789-792.

BROOKHOUSER, L. W.,* AND GLENN W. PETERSON.
1971.
Infection of Austrian, Scots, and ponderosa pines by *Diplodia pinea*.
Phytopathology 61:409-414.

BROWN, GARY R.

1967. A device to aid in selecting and counting seeds. *J. Range Manage.* 20:52-53.

BROWN, HARRY E.

1958. Gambel oak in west-central Colorado. *Ecology* 39:317-327.

BROWN, HARRY E.

1962. The canopy camera. *U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap.* 72, 22 p.

BROWN, HARRY E.

1965. Characteristics of recession flows from small watersheds in a semiarid region of Arizona. *Water Resour. Res.* 1:517-522.

BROWN, HARRY E.

1965. Preliminary results of cabling Utah juniper, Beaver Creek watershed evaluation project. *Ariz. Watershed Symp.* [Tempe, Ariz., Sept. 1965] *Proc.* 9:16-21.

BROWN, HARRY E.

1969. A combined control-metering section for gaging large streams. *Water Resour. Res.* 5:888-894.

BROWN, HARRY E.

1970. Status of pilot watershed studies in Arizona. *Am. Soc. Civil Eng., J. Irrig. Drain. Div.* 96(IR1):11-23.

BROWN, HARRY E.

1971. Evaluating watershed management alternatives. *Am. Soc. Civil Eng., J. Irrig. Drain. Div.* 97(IR1):93-108.

BROWN, HARRY E.

1971. Status of pilot watershed studies in Arizona. *Am. Soc. Civil Eng., J. Irrig. Drain. Div.* 97(IR1):217.

BROWN, H. E., AND E. G. DUNFORD.

1956. Streamflow in relation to extent of snow cover in central Colorado. *U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap.* 24, 9 p.

BROWN, HARRY E., EDWARD A. HANSEN, AND NORMAN E. CHAMPAGNE, JR.

1969. A system for measuring total sediment yield from small watersheds. *Am. Geophys. Union Trans.* 50:615. (Abstr.)

BROWN, HARRY E., EDWARD A. HANSEN, AND NORMAN E. CHAMPAGNE, JR.

1970. A system for measuring total sediment yield from small watersheds. *Water Resour. Res.* 6:818-826.

BROWN, H. E., AND J. R. THOMPSON.

1965. Summer water use by aspen, spruce, and grassland in western Colorado. *J. For.* 63:756-760.

BROWN, HARRY E., AND DAVID P. WORLEY.

1965. Some applications of the canopy camera in forestry. *J. For.* 63:674-680.

BRYAN, HUGH M.,* AND H. WAYNE SPRINGFIELD.

1955. Range management in Iraq—findings, plan and accomplishment. *J. Range Manage.* 8:249-256.

BUELL, JESSE H.

1953. Problems facing forest management in the central Rocky Mountains. *U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap.* 13, 6 p.

BUELL, JESSE H.

1954. Problems facing forest management in the central Rocky Mountains. *J. For.* 52:163-165.

BUFFAM, P. E.,* C. K. LISTER,* R. E. STEVENS, AND R. H. FRYE.*

1973. Fall cacodylic acid treatments to produce lethal traps for spruce beetles. *Environ. Entomol.* 2:259-262.

C

CABLE, DWIGHT R.

1957.

Chemical control of chaparral shrubs in central Arizona.
J. For. 55:899-903.

CABLE, DWIGHT R.

1957.

Effect of mesquite clearing on perennial grass forage production.
p. 6a-6b. In Range Day, Oct. 1, Santa Rita Exp. Range. Ariz. Coll. Agric., Ariz. Exp. Stn., Ariz. Ext. Serv., Univ. Ariz., and Agric. Res. Serv., Rocky Mt. For. and Range Exp. Stn., For. Serv., U. S. Dep. Agric.

CABLE, DWIGHT R.

1957.

Recovery of chaparral following burning and seeding in central Arizona.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 28, 6 p.

CABLE, DWIGHT R.

1958.

Estimating surface area of ponderosa pine foliage in central Arizona.
For. Sci. 4:45-49.

CABLE, DWIGHT R.

1961.

Small velvet mesquite seedlings survive burning.
J. Range Manage. 14:160-161.

CABLE, DWIGHT R.

1965.

Damage to mesquite, Lehmann lovegrass, and black grama by a hot June fire.
J. Range Manage. 18:326-329.

CABLE, DWIGHT R.

1966.

Competition between burroweed and annual and perennial grasses for soil moisture.
Am. Forage Grassl. Counc. [New Orleans, La., Feb. 1966] Proc. 1966:11-27.

CABLE, DWIGHT R.

1966.

Competition between burroweed and annual and perennial grass for soil moisture.
Am. Soc. Range Manage. [New Orleans, La., Feb. 1966] Abstr. of Pap. 19:45.

CABLE, DWIGHT R.

1967.

Fire effects on semidesert grasses and shrubs.
J. Range Manage. 20:170-176.

CABLE, DWIGHT R.

1969.

Competition in the semidesert grass-shrub type as influenced by root systems, growth habits, and soil moisture extraction.
Ecology 50:27-38.

CABLE, DWIGHT R.

1969.

Soil temperature variations on a semidesert habitat in southern Arizona.
USDA For. Serv. Res. Note RM-128, 4 p.

CABLE, DWIGHT R.

1970.

Growth and development of Arizona cottontop (*Trichachne californica* (Benth.) Chase).
Am. Soc. Range Manage. [Denver, Colo., Feb. 1970] Abstr. of Pap. 23:52.

CABLE, DWIGHT R.

1971.

Growth and development of Arizona cottontop (*Trichachne californica* [Benth.] Chase).
Bot. Gaz. 132:119-145.

CABLE, DWIGHT R.

1971.

Lehmann lovegrass on the Santa Rita Experimental Range, 1937-1968.
J. Range Manage. 24:17-21.

CABLE, DWIGHT R.

1972.

Fire effects in southwestern semidesert grass-shrub communities.
Tall Timbers Fire Ecol. Conf. [Lubbock, Tex., June 1972] Proc. 12:109-127.

CABLE, DWIGHT R.

1972.

Fourwing saltbush revegetation trials in southern Arizona.
J. Range Manage. 25:150-153.

CABLE, DWIGHT R., AND JOHN W. BOHNING.

1959.

Changes in grazing use and herbage moisture content of three exotic lovegrasses and some native grasses.
J. Range Manage. 12:200-203.

CABLE, DWIGHT R., AND S. CLARK MARTIN.

1964.

Forage production and stocking rates on southern Arizona ranges can be improved.
U. S. For. Serv. Res. Note RM-30, 11 p.

CABLE, DWIGHT R., AND R. PHIL SHUMWAY.*

1966.

Crude protein in rumen contents and in forage.
J. Range Manage. 19:124-128.

CABLE, DWIGHT R., AND FRED H. TSCHIRLEY.*

1961.

Responses of native and introduced grasses following aerial spraying of velvet mesquite in southern Arizona.
J. Range Manage. 14:155-159.

CABLE, DWIGHT, R., AND S. CLARK MARTIN.

1973.

Invasion of semidesert grassland by velvet mesquite and associated vegetation changes.

J. Ariz. Acad. Sci. 8:127-134.

CAMPBELL, C. J.

1964.

Compact field kit for aerial photographic interpretation.

J. For. 62:266-267.

CAMPBELL, C. J.

1966.

Periodic mowings suppress tamarisk growth, increase forage for browsing.

U. S. For. Serv. Res. Note RM-76, 4 p.

CAMPBELL, C. J.

1970.

Ecological implications of riparian vegetation management.

J. Soil Water Conserv. 25:49-52.

CAMPBELL, C. J.

1973.

Pressure bomb measurements indicate water availability in a southwestern riparian community.

USDA For. Serv. Res. Note RM-246, 4 p.

CAMPBELL, C. J., AND W. A. DICK-PEDDIE.*

1964.

Comparison of phreatophyte communities on the Rio Grande in New Mexico.

Ecology 45:492-502.

CAMPBELL, C. J., AND WIN GREEN.

1968.

Perpetual succession of stream-channel vegetation in a semiarid region.

J. Ariz. Acad. Sci. 5:86-98.

CAMPBELL, C. J., AND CHARLES P. PASE.

1972.

Pressure bomb measures changes in moisture stress of birchleaf mountainmahogany after partial crown removal.

USDA For. Serv. Res. Note RM-221, 4 p.

CAMPBELL, C. J., AND J. E. STRONG.

1964.

Salt gland anatomy in *Tamarix pentandra* (Tamaricaceae).

Southwest Nat. 9:232-238.

CAMPBELL, RALPH E.

1965.

A tool for removing neutron probe access tubes from the soil.

Soil Sci. Soc. Am. Proc. 29:761-762.

CAMPBELL, R. E.

1968.

Production capabilities of some upper Rio Puerco soils of New Mexico.

U. S. For. Serv. Res. Note RM-108, 7 p.

CAMPBELL, RALPH E.

1971.

Evaporation from bare soil as affected by texture and temperature.

USDA For. Serv. Res. Note RM-190, 7 p.

CAMPBELL, RALPH E.

1972.

Prediction of air temperature at a remote site from official weather station records.

USDA For. Serv. Res. Note RM-223, 4 p.

CANFIELD, R. H.

1957.

Reproduction and life span of some perennial grasses of southern Arizona.

J. Range Manage. 10:199-203.

CAPORASO, A. P.*

1964.

Forest area and timber volume in western South Dakota.

U. S. For. Serv. Res. Note INT-20, 4 p.

CARNEGIE, DAVID M., * AND JACK N. REPPERT.

1969.

Large scale 70-mm aerial color photography.

Photogramm. Eng. 35:249-257.

CARPENTER, L. H., * O. C. WALLMO, AND M. J. MORRIS.

1973.

Effect of woody stems on estimating herbage weights with a capacitance meter.

J. Range Manage. 26:151-152.

CHADWICK, HOWARD W., GEORGE T. TURNER, H. W. SPRINGFIELD, AND ELBERT H. REID.

1969.

An evaluation of seeding rangeland with pellets.

USDA For. Serv. Res. Pap. RM-45, 28 p.

CHANSLER, JOHN F.

1964.

Overwintering habits of *Ips lecontei* Sw. and *Ips confusus* (Lec.) in Arizona and New Mexico.

U. S. For. Serv. Res. Note RM-27, 4 p.

CHANSLER, J. F.

1966.

Cold hardiness of two species of *Ips* beetles.

J. For. 64:622-624.

CHANSLER, JOHN F.

1967.

Biology and life history of *Dendroctonus adjunctus* (Coleoptera: Scolytidae).

Ann. Entomol. Soc. Am. 60:760-767.

CHANSLER, JOHN F.

1968.

Douglas-fir beetle brood densities and infestation trends on a New Mexico study area.

USDA For. Serv. Res. Note RM-125, 4 p.

CHANSLER, JOHN F., * DONN B. CAHILL, * AND
ROBERT E. STEVENS.

1970.

Cacodylic acid field tested for control of mountain pine beetles in ponderosa pine.
USDA For. Serv. Res. Note RM-161, 3 p.

CHESNIN, LEON, * AND D. F. VAN HAVERBEKE.

1972.

Feedlot waste runoff, its influence on soil chemical properties and the survival of windbreak trees.
Agron. Abstr., Am. Soc. Agron. Annu. Meet. [Miami Beach, Fla., Oct.-Nov. 1972] Div. A-5, p. 178.

CHOATE, GROVER A.*

1963.

The forests of Wyoming.
U. S. For. Serv. Resour. Bull. INT-2, 47 p.

CHOATE, GROVER A.*

1966.

New Mexico's forest resource.
U. S. For. Serv. Resour. Bull. INT-5, 58 p.

CHOATE, GROVER A., * AND JOHN S. SPENCER, JR.*

1969.

Forests in South Dakota.
USDA For. Serv. Resour. Bull. INT-8, 40 p.

CLARY, WARREN P.

1964.

A method for predicting potential herbage yield on the Beaver Creek pilot watersheds.
In Forage plant physiology and soil-range relationships. Am. Soc. Agron. ASA Spec. Publ. 5:244-250.

CLARY, WARREN P.

1965.

Temperature effects on reproductive processes of Russian wildrye.
Agron. J. 57:4-6.

CLARY, WARREN P.

1969.

Increasing sampling precision for some herbage variables through knowledge of the timber overstory.
J. Range Manage. 22:200-201.

CLARY, WARREN P.

1970.

The relationship of herbage production on Springerville soils to Utah juniper overstory and precipitation.
Am. Soc. Range Manage. [Denver, Colo., Feb. 1970] Abstr. of Pap. 23:69.

CLARY, WARREN P.

1971.

Effects of Utah juniper removal on herbage yields from Springerville soils.
J. Range Manage. 24:373-378.

CLARY, WARREN P.

1972.

A treatment prescription for improving big game habitat in ponderosa pine forests.
p. 25-28. *In* 16th Annu. Ariz. 'Watershed Symp. [Phoenix, Ariz., Sept. 1972] Proc. Ariz. Water Comm. Rep. 2, 43 p. Phoenix, Ariz.

CLARY, WARREN P., AND PETER F. FFOLLIOTT.

1966.

Differences in herbage-timber relationships between thinned and unthinned ponderosa pine stands.
U. S. For. Serv. Res. Note RM-74, 4 p.

CLARY, WARREN P., AND PETER F. FFOLLIOTT.

1969.

Water holding capacity of ponderosa pine forest floor layers.
J. Soil Water Conserv. 24:22-23.

CLARY, WARREN P., PETER F. FFOLLIOTT, AND DONALD A. JAMESON.

1968.

Relationship of different forest floor layers to herbage production.
USDA For. Serv. Res. Note RM-123, 3 p.

CLARY, WARREN P., PETER F. FFOLLIOTT, AND ALMER D. ZANDER.*

1966.

Grouping sites by soil management areas and topography.
U. S. For. Serv. Res. Note RM-60, 4 p.

CLARY, WARREN P., AND FREDERIC R. LARSON.

1971.

Elk and deer use are related to food sources in Arizona ponderosa pine.
USDA For. Serv. Res. Note RM-202, 4 p.

CLARY, WARREN P., AND DOUGLAS C. MORRISON.*

1973.

Large alligator junipers benefit early-spring forage.
J. Range Manage. 26:70-71.

CLARY, WARREN P., AND HENRY A. PEARSON.

1969.

Cattle preferences for forage species in northern Arizona.
J. Range Manage. 22:114-116.

COCHRAN, P. H., * AND CARL M. BERNTSEN.

1973.

Tolerance of lodgepole and ponderosa pine seedlings to low night temperatures.
For. Sci. 19:272-280.

COLBY, MARILYN K., AND GORDON D. LEWIS.

1973.

Economics of containerized conifer seedlings.
USDA For. Serv. Res. Pap. RM-108, 7 p.

COLORADO COOPERATIVE POCKET GOPHER
PROJECT.

1960.

Pocket gophers in Colorado.
Colo. Agric. Exp. Stn. Bull. 508-S, 26 p.

COLORADO STATE UNIVERSITY, COLLEGE OF
FORESTRY AND NATURAL RESOURCES.

1972.

Pilot test of program TEVAP for preparation of
timber management plans and simulation of a
regional data center for decision making in forest
management, final report, September 30, 1972.

Colo. State Univ., Coll. For. Nat. Resour., Dep.
For. Wood Sci., Fort Collins, Colo., 65 p.

CONWAY, ERRETT M., AND CHARLES O. MINOR.*

1961.

Specific gravity of Arizona ponderosa pine
pulpwood.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and
Range Exp. Stn. Res. Note 54, 3 p.

CONWAY, ERRETT M., CHARLES O. MINOR,* AND D.
D. JONES.*

1961.

Sawing time for Arizona ponderosa pine logs.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and
Range Exp. Stn. Res. Note 55, 2 p.

COOK, DAVID I.,* AND DAVID F. VAN HAVERBEKE.

1969.

Trees may help solve the traffic noise problem.
Nebr. Agric. Exp. Stn. Q. 16(2):11-12.

COOK, DAVID I.,* AND DAVID F. VAN HAVERBEKE.

1971.

Audio pollution and means for its control.
Exploring Nebr. Pollution Problem [Lincoln, Nebr.,
Apr. 1971] Proc. p. E-1-E-9. Nebr. Ext. Serv.,
Lincoln. c. p. E-1 - E-9. Nebr. Ext. Serv., Lincoln.

COOK, DAVID I.,* AND DAVID F. VAN HAVERBEKE.

1971.

The role of trees and shrubs in noise abatement.
Role Trees South's Urban Environment Symp.
[Athens, Ga., Jan.-Feb. 1971] Proc. 1971:12-19.

COOK, DAVID I.,* AND DAVID F. VAN HAVERBEKE.

1971.

Trees and shrubs for noise abatement.
Nebr. Agric. Exp. Stn. Res. Bull. 246, 77 p.

COOK, DAVID I.,* AND DAVID F. VAN HAVERBEKE.

1971.

Trees and shrubs for noise abatement.
Trees Forests Urbanizing Environment Symp.
[Amherst, Mass., Aug. 1970] Proc. 1971:39-41.

COOK, DAVID I.,* AND DAVID F. VAN HAVERBEKE.

1972.

The potential value of trees, shrubs, and land form
combinations for noise control.
Int. Shade Tree Conf., Midwest. Chapter [Chicago,
Ill., Feb. 1972] 27: 19-25.

COOK, DAVID I.,* AND DAVID F. VAN HAVERBEKE.

1972.

Trees and shrubs can curb noise, but with quite a
few loud 'ifs'.
U. S. Dep. Agric. Yearb. 1972:28-30.

COOK, DAVID I.,* AND DAVID F. VAN HAVERBEKE.

1972.

Trees, shrubs, and land-forms for noise control.
J. Soil Water Conserv. 27:259-261.

COOK, DAVID I.,* AND DAVID F. VAN HAVERBEKE.

1972.

Trees, shrubs, and land-forms for noise control.
Soil Conserv. Soc. Am. [Portland, Oreg., Aug. 1972]
Proc. 27:151-154.

COPPLE, R. F.,* AND C. P. PASE.

1967.

A vegetative key to some common Arizona range
grasses.
U. S. For. Serv. Res. Pap. RM-27, 72 p.

COSTELLO, DAVID F.

1954.

Vegetation zones in Colorado.
p. iii-x. In H. D. Harrington, Manual of the plants
of Colorado. 666 p. Sage Books, Denver.

COTNER, MELVIN L.,* AND DONALD A. JAMESON.

1959.

Costs of juniper control: Bulldozing vs. burning
individual trees.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and
Range Exp. Stn., Stn. Pap. 43, 14 p.

CRUM, HOWARD,* AND F. J. HERMANN.

1972.

Sphagnum magellanicum new to the West Indies.
Bryologist 75:359-360.

CUNNINGHAM, RICHARD A.

1972.

Development of Siberian and Dahurian larches after
10 years in North Dakota.
USDA For. Serv. Res. Note RM-209, 4 p.

CUNNINGHAM, RICHARD A.

1973.

Scotch pine for the Northern Great Plains.
USDA For. Serv. Res. Pap. RM-114, 12 p.

CURRIE, PAT O.

1966.

Marking cows with human hair dye.
J. Range Manage. 19:306-307.

CURRIE, PAT O.

1966.

Seeded range improves calf weaning weights and profits.
Colo. Rancher Farmer 20(6):5.

CURRIE, PAT O.

1967.

Seeding Sherman big bluegrass.
J. Range Manage. 20:133-136.

CURRIE, PAT O.

1969.

Plant response and cattle gains on Sherman big bluegrass.
J. Range Manage. 22:258-261.

CURRIE, PAT O.

1969.

Use seeded ranges in your management.
J. Range Manage. 22:432-434.

CURRIE, PAT O.

1970.

Influence of spring, fall, and spring-fall grazing on crested wheatgrass range.
J. Range Manage. 23:103-108.

CURRIE, PAT O., AND F. L. HAMMER.

1965.

An improved gate fastener for range fences.
J. Range Manage. 18:98.

CURRIE, PAT O., AND GERALDINE PETERSON.

1966.

Using growing-season precipitation to predict crested wheatgrass yields.
J. Range Manage. 19:284-288.

CURRIE, PAT O., AND DWIGHT R. SMITH.

1970.

Response of seeded ranges to different grazing intensities in the ponderosa pine zone of Colorado.
U. S. Dep. Agric. Prod. Res. Rep. 112, 41 p.

CURRIE, PAT O., M. J. MORRIS, AND D. L. NEAL.*

1973.

Uses and capabilities of electronic capacitance instruments for estimating standing herbage. Part 2. Sown ranges.
J. Brit. Grassl. Soc. 28:155-160.

CZABATOR, F. J., * J. M. STALEY, AND G. A. SNOW.*

1971.

Extensive southern pine needle blight during 1970-1971, and associated fungi.
Plant Dis. Rep. 55:764-766.

D

DANIEL, TERRY C., * LAWRENCE WHEELER, * RON S. BOSTER, AND PAUL R. BEST, JR.*
 1973.
 Quantitative evaluation of landscapes: An application of signal detection analysis to forest management alternatives.
Man-Environ. Syst. 3:330-344.

DAVIDSON, ROSS W.
 1953.
 Two common lumber-staining fungi in the western United States.
Mycologia 45:579-586.

DAVIDSON, ROSS W.
 1954.
 Species of Ophiostomataceae associated with Engelmann spruce bark beetle.
Phytopathology 44:485. (Abstr.)

DAVIDSON, ROSS W.
 1955.
 Wood-staining fungi associated with bark beetles in Engelmann spruce in Colorado.
Mycologia 47:58-67.

DAVIDSON, ROSS W.
 1958.
 Additional species of Ophiostomataceae from Colorado.
Mycologia 50:661-670.

DAVIDSON, ROSS W., AND W. A. CAMPBELL.*
 1954.
Poria cocos, a widely distributed wood-rotting fungus.
Mycologia 46:234-237.

DAVIDSON, ROSS W., AND EDITH K. CASH.*
 1956.
 A Cenangium associated with sooty-bark canker of aspen.
Phytopathology 46:34-36.

DAVIDSON, ROSS W., AND THOMAS E. HINDS.
 1956.
 Hypoxylon canker of aspen in Colorado.
Plant Dis. Rep. 40:157-158.

DAVIDSON, ROSS W., AND THOMAS E. HINDS.
 1958.
 Unusual fungi associated with decay in some forest trees in Colorado.
Phytopathology 48:216-218.

DAVIDSON, ROSS W., THOMAS E. HINDS, AND FRANK G. HAWKSWORTH.
 1959.
 Decay of aspen in Colorado.
 U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 45, 14 p.

DAVIDSON, R. W., * T. E. HINDS, AND E. R. TOOLE.*
 1964.
 Two new species of *Ceratocystis* from hardwoods.
Mycologia 56:793-798.

DAVIDSON, ROSS W., AND FRANCES LOMBARD.*
 1954.
 Brick red stain of Sitka spruce and other wood substrata.
Phytopathology 44:606-607.

DAVIDSON, WALTER H.
 1970.
 Planned program of tree and shrub planting enhances beauty of America's Great Plains.
Highw. Res. News No. 40, p. 22-26.

DAVIDSON, WALTER H., AND DAVID H. DAWSON.
 1968.
 Trees and shrubs for roadside beautification.
Dakota Farmer, Apr. 6, 1968, p. 33-35.

DAVIS, EDWIN A.
 1964.
 Picloram: A promising brush control chemical.
 U. S. For. Serv. Res. Note RM-35, 2 p.

DAVIS, EDWIN A.
 1965.
 The mechanism of fenuron injury to plants.
 U. S. For. Serv. Res. Note RM-50, 2 p.

DAVIS, EDWIN A.
 1966.
 The role of starvation in fenuron injury to shrub live oak.
Weeds 14:10-17.

DAVIS, EDWIN A.
 1968.
 A laboratory chamber for rooting cuttings.
Bot. Gaz. 129:86-89.

DAVIS, EDWIN A.
 1970.
 Propagation of shrub live oak from cuttings.
Bot. Gaz. 131:55-61.

DAVIS, E. A., AND P. A. INGEBO.
 1970.
 Fenuron contamination of stream water from a chaparral watershed in Arizona.
West. Soc. Weed Sci., Res. Prog. Rep. 1970:22-23.

DAVIS, E. A., AND P. A. INGEBO.
 1973.
 Picloram movement from a chaparral watershed.
Water Resour. Res. 9:1304-1313.

DAVIS, E. A., P. A. INGEBO, AND C. P. PASE.
1968.
Effect of a watershed treatment with picloram on water quality.
U. S. For. Serv. Res. Note RM-100, 4 p.

DAVIS, EDWIN A., AND CHARLES P. PASE.
1969.
Selective control of brush on chaparral watersheds with soil-applied fenuron and picloram.
USDA For. Serv. Res. Note RM-140, 4 p.

DAVIS, J. M.,* AND R. H. NAGEL.
1956.
A technique for tagging large numbers of live adult insects with radioisotopes.
J. Econ. Entomol. 49:210-211.

DAVIS, JAMES R.
1965.
A survey of an intentional burn in Arizona ponderosa pine.
U. S. For. Serv. Res. Note RM-41, 2 p.

DAVIS, JAMES R.
1968.
Freeze drying for preparing Arizona chaparral plants for energy analysis.
U. S. For. Serv. Res. Note RM-106, 2 p.

DAVIS, JAMES R., PETER F. FFOLLIOTT, AND WARREN P. CLARY.
1968.
A fire prescription for consuming ponderosa pine duff.
U. S. For. Serv. Res. Note RM-115, 4 p.

DAWSON, DAVID H.,* AND RALPH A. READ.
1964.
Guide for selecting superior trees for shelterbelts in the Prairie Plains.
U. S. For. Serv. Res. Pap. LS-13, 22 p.

DECKER, JOHN P.
1957.
Further evidence of increased carbon dioxide production accompanying photosynthesis.
J. Solar Energy, Sci., Eng. 1:30-33.

DECKER, JOHN P.
1960.
A brief summary of the influence of phreatophytes on water yield in arid environments.
p. 64-69. In Water yield in relation to environment in the southwestern United States. Am. Assoc. Adv. Sci., Southwest. and Rocky Mt. Div., Desert and Arid Zones Res. Comm. [Alpine, Tex., May 1960] Symp., 74 p.

DECKER, JOHN P.
1961.
Salt secretion by *Tamarix pentandra* Pall.
For. Sci. 7:214-217.

DECKER, JOHN P.
1962.
Some photosynthetic problems of tree growth.
p. 165-170. In Theodore T. Kozlowski [Ed.], Tree Growth Symp. Ronald Press, N. Y.

DECKER, JOHN P.
1962.
Water relations of plant communities as a management factor for western watersheds.
Science 138:532-533.

DECKER, JOHN P.
1963.
An analysis and simplification of the Blaney-Criddle method for estimating evapotranspiration.
U. S. For. Serv. Res. Note RM-2, 2 p.

DECKER, JOHN P., WILLIAM G. GAYLOR,* AND FRANK D. COLE.*
1962.
Measuring transpiration of undisturbed tamarisk shrubs.
Plant Physiol. 37:393-397.

DECKER, J. P., AND C. M. SKAU.
1964.
Simultaneous studies of transpiration rate and sap velocity in trees.
Plant Physiol. 39:213-215.

DECKER, JOHN P., AND MARCO A. TIO.*
1958.
Photosynthesis of papaya as affected by leaf mosaic.
Puerto Rico Univ. J. Agric. 42:145-150.

DECKER, JOHN P., AND MARCO A. TIO.*
1959.
Photosynthetic surges in coffee seedlings.
Puerto Rico Univ. J. Agric. 43:50-55.

DECKER, JOHN P., AND BARTON F. WETZEL.
1957.
A method for measuring transpiration of intact plants under controlled light, humidity, and temperature.
For. Sci. 3:350-354.

DECKER, JOHN P., AND JANET D. WIEN.
1957.
Time course studies of transpiration of tamarisk and eucalyptus.
Am. Geophys. Union Trans. 38:416-417.

DECKER, JOHN P., AND JANET D. WIEN.*
1958.
Carbon dioxide surges in green leaves.
Solar Energy 2:39-41.

DECKER, JOHN P., AND JANET D. WIEN.*
1958.
An infrared apparatus for measurement of transpiration.
Pac. Southwest Inter-Agency Comm., Phreatophyte Subcomm., Phreatophyte Symp. [Sacramento, Calif., Feb. 1957] p. 32-41.

DECKER, JOHN P., AND JANET D. WIEN.*

1960.

Transpirational surges in *Tamarix* and *Eucalyptus* as measured with an infrared gas analyzer.
Plant Physiol. 35:340-343.

DEEMING, JOHN E., AND JAMES W. LANCASTER.

1971.

Background, philosophy, implementation—National Fire Danger Rating System.
Fire Control Notes 32(2):4-8.

DEEMING, JOHN E., JAMES W. LANCASTER, MICHAEL A. FOSBERG, R. WILLIAM FURMAN, AND MARK J. SCHROEDER.*

1972.

National fire-danger rating system.
USDA For. Serv. Res. Pap. RM-84, 165 p.

DICKENS, LESTER E.,* NAGAYOSHI OSHIMA,* AND STUART R. ANDREWS.

1970.

Distribution of Dutch elm disease in Colorado—1969.
Plant Dis. Rep. 54:266-267.

DIETZ, DONALD R.

1965.

Deer nutrition research in range management.
North Am. Wildl. Nat. Resour. Conf. Trans. 30:274-285.

DIETZ, DONALD R.

1968.

Range revegetation studies in the Black Hills.
Wildl. Soc., Cent. Mt. Plains Sect. [Halsey, Nebr., Aug. 1968] Abstr. of Pap. 13:7.

DIETZ, DONALD R.

1970.

Definition and components of forage quality.
p. 1-9. In Range and wildlife habitat evaluation—a research symposium. U. S. Dep. Agric. Misc. Publ. 1147, 220 p.

DIETZ, DONALD R.

1972.

Nutritive value of shrubs.
p. 289-302. In Wildland shrubs—their biology and utilization. USDA For. Serv. Gen. Tech. Rep. INT-1, 494 p.

DIETZ, DONALD R., AND RICHARD D. CURNOW.

1966.

How reliable is a forage chemical analysis.
J. Range Manage. 19:374-376.

DIETZ, DONALD R., AND JAMES R. TIGNER.*

1968.

Evaluation of two mammal repellents applied to browse species in the Black Hills.
J. Wildlife Manage. 32:109-114.

DIETZ, DONALD R., ROBERT H. UDALL,* AND LEE E. YEAGER.*

1962.

Chemical composition and digestibility by mule deer of selected forage species, Cache la Poudre range, Colorado.

Colo. Game Fish Dep. Tech. Publ. 14, 89 p.

DIETZ, DONALD R., ROBERT H. UDALL,* AND LEE E. YEAGER.*

1962.

Differential digestibility of nutrients in bitterbrush, mountainmahogany, and big sagebrush by deer.
Wildl. Soc., Southeast Sect., Natl. White-tailed Deer Dis. Symp. [Athens, Ga., Feb. 1962] Proc. 1:29-36, 39-50.

DORAN, CLYDE W.

1953.

Can the adobes be reseeded. Range Experiment Station seeks the answer.
Delta Cty. [Colo.] Indep. [Mar. 16], p. 11.

DORAN, CLYDE W.

1953.

Careful reseeding pays.
Record Stockman—Ann. Ed. 64:146, 148, 150.

DORAN, CLYDE W.

1953.

Fewer weeds—more grass.
Colo. Rancher Farmer 7(8):6, 14.

DORTIGNAC, E. J.

1954.

Range reseeding in northern New Mexico.
p. 15-19. In Ranch Day, Oct. 11, Jornada Exp. Range. N. M. Exp. Stn., N. M. Ext. Serv., Agric. Res. Serv., Rocky Mt. For. and Range Exp. Stn., For. Serv., U. S. Dep. Agric.

DORTIGNAC, E. J.

1956.

Watershed resources and problems of the Upper Rio Grande Basin.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Unnumbered Publ., 107 p.

DORTIGNAC, E. J.

1956.

Water yields through watershed management in New Mexico.
N. M. Water Conf. [Albuquerque, N. M., Oct.-Nov. 1956] Proc. 1956:69-97.

DORTIGNAC, E. J.

1960.

The Rio Puerco—past, present, and future.
N. M. Water Conf. [Univ. Park, N. M., Nov. 1960] Proc. 5:45-51.

DORTIGNAC, E. J.

1960.

Water yield from pinyon-juniper woodland.
p. 16-27. In Water yield in relation to environment

in the southwestern United States. Am. Assoc. Adv. Sci., Southwest. and Rocky Mt. Div., Desert and Arid Zones Res. Comm. [Alpine, Tex., May 1960] Symp., 74 p.

DORTIGNAC, E. J.

1962.
An 1890 irrigation venture in the Rio Puerco.
N. M. Prof. Eng. 14(3):8-11, 20-21.

DORTIGNAC, E. J., AND L. D. LOVE.

1960.
Relation of plant cover to infiltration and erosion in ponderosa pine forests of Colorado.
Am. Soc. Agric. Eng. Trans. 3:58-61.

DORTIGNAC, E. J. AND L. D. LOVE.

1961.
Infiltration studies on ponderosa pine ranges of Colorado.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 59, 34 p.

DRISCOLL, RICHARD S.

1967.
Managing public rangelands: Effective livestock grazing practices and systems for National Forests and National Grasslands.
U. S. Dep. Agric., For. Serv., Agric. Info. Bull. 315, 30 p.

DRISCOLL, RICHARD S.

1970.
Aerial color and color infrared photography—some applications and problems for grazing resource inventories.
In Aerial color photography in the plant sciences. Aerial Color Photogr. Workshop [Gainesville, Fla., Mar. 1969] Proc. 1969:140-149.

DRISCOLL, RICHARD S.

1970.
Identification and measurement of shrub type vegetation on large-scale aerial photographs.
Sect. 32, p. 32-1 to 32-15. *In* v. II, Agric./For. Sensor Studies. Third Ann. Earth Resour. Program Rev., NASA, MSC-03742, Houston, Tex.

DRISCOLL, RICHARD S.

1971.
Color aerial photography—a new view for range management.
USDA For. Serv. Res. Pap. RM-67, 11 p.

DRISCOLL, R. S., P. O. CURRIE, AND M. J. MORRIS.

1972.
Estimates of herbaceous standing crop by microdensitometry.
Am. Soc. Photogramm. Annu. Meet. [Wash., D. C., Mar. 1972] Proc. 38:358-364.

DRISCOLL, R. S., P. O. CURRIE, AND M. J. MORRIS.

1972.
Estimates of herbaceous standing crop by microdensitometry.
Photogramm. Eng. 38:591. (Abstr.)

DRISCOLL, RICHARD S., AND RICHARD E. FRANCIS.

1973.
70mm aerial photographs for range vegetation analysis.
Soc. Range Manage. [Boise, Idaho, Feb. 1973] Abstr. of Pap. 26:13.

DRISCOLL, RICHARD S., JACK N. REPPERT, ROBERT C. HELLER,* AND DAVID M. CARNEGGIE.*

1970.
Identification and measurement of herbland and shrubland vegetation from large scale aerial colour photographs.
XI Int. Grassl. Congr. [Aust., 1970] Proc. 11:95-98.

DRISCOLL, R. S., AND M. M. SPENCER.*

1972.
Multispectral scanner data for plant community classification.
Eighth Int. Symp. Remote Sensing Environ. [Ann Arbor, Mich., Oct. 1972] Abstr. of Pap., p. 127-128.

DRISCOLL, R. S., AND M. M. SPENCER.*

1972.
Multispectral scanner imagery for plant community classification.
Int. Symp. Remote Sensing Environ. [Ann Arbor, Mich., Oct. 1972] Proc. 8:1259-1278.

DUBIN, H. J.,* N. OSHIMA,* AND J. M. STALEY.

1969.
Ecology of *Davisonycella ponderosae*, the cause of a needle cast of *Pinus ponderosa* in the Rocky Mountains of Colorado.
Phytopathology 59:1024. (Abstr.)

DUBIN, H. JESSE,* AND JOHN M. STALEY.

1966.
Dothistroma pini on *Pinus radiata* in Chile.
Plant Dis. Rep. 50:280.

DUBIN, JESSE,* AND JOHN M. STALEY.

1969.
Lophodermium (Davisonycella) ponderosae.
Mycologia 61:396-397.

DUNFORD, E. G.

1954.
Surface runoff and erosion from pine grasslands of the Colorado Front Range.
J. For. 52:923-927.

E

EDWARDS, BRUCE M., * GARY E. METCALF, * AND W. E. FRAZER. *

1973. Computer-produced timber management plans: An evaluation of program TEVAP. USDA For. Serv. Res. Note RM-251, 4 p.

EMBRY, ROBERT S.

1971. Soil water availability in an Arizona mixed conifer clearcutting. USDA For. Serv. Res. Note RM-206, 4 p.

EMBRY, ROBERT S., AND GERALD J. GOTTFRIED.

1971. Basal area growth of Arizona mixed conifer species. USDA For. Serv. Res. Note RM-198, 3 p.

EMBRY, ROBERT S., AND GERALD J. GOTTFRIED.

1971. Frequency of stem features affecting quality in Arizona mixed conifers. USDA For. Serv. Res. Pap. RM-70, 19 p.

EMBRY, R. S., AND G. J. GOTTFRIED.

1971. Height-diameter equations for Arizona mixed conifers. USDA For. Serv. Res. Note RM-191, 2 p.

ERICKSON, BERNARD J., AND DONALD C. MARKSTROM.

1972. Predicting softwood cutting yield by computer. USDA For. Serv. Res. Pap. RM-98, 15 p.

ESLYN, WALLACE E.

1959. *Hemerocampa pseudotsugata* McDunnough, a new host for *Beauveria bassiana* (Balsamo) Vuillemin. J. Insect Pathol. 1:434-435.

ESLYN, WALLACE E.

1960. New records of forest fungi in the Southwest. Mycologia 52:381-387.

EVANS, KEITH E.

1966. Observations on a hybrid between the sharp-tailed grouse and the greater prairie chicken. Auk 83:128-129.

EVANS, KEITH E.

1968. Characteristics and habitat requirements of the greater prairie chicken and sharp-tailed grouse—a review of the literature. U. S. Dep. Agric., For. Serv. Conserv. Res. Rep. 12, 32 p.

EVANS, KEITH E.

1968. Fencing stockponds benefits waterfowl. Colo. Field Ornithol. 4:3-4.

EVANS, KEITH E.

1968. Waterfowl use of selected stock ponds in western South Dakota. Wildl. Soc., Cent. Mt. Plains Sect. [Halsey, Nebr., Aug. 1968] Abstr. of Pap. 13:17.

EVANS, KEITH E.

1969. Winter nutritional energetics of captive sharptailed grouse—a preliminary report. Prairie Grouse Tech. Coun. Conf. [Woodward, Okla., Sept. 1969] Proc. 8:n.p. (Abstr.)

EVANS, KEITH E.

1972. Energetics of sharp-tailed grouse during winter. Soc. Range Manage. [Wash., D.C., Feb. 1972] Abstr. of Pap. 25:24.

EVANS, KEITH E., AND JAMES C. CRUSE.*

1971. Over the badlands wall. S. D. Conserv. Dig. 37(3):20-23.

EVANS, KEITH E., AND DOUGLAS L. GILBERT.*

1969. A method for evaluating greater prairie chickens habitat in Colorado. J. Wildl. Manage. 33:643-649.

EVANS, KEITH E., AND ROGER R. KERBS.

1967. Waterfowl and shorebird use on selected stock ponds in Jackson County: 1966. S. D. Bird Notes 19(2):28-30. (Whole No. 73)

EVANS, KEITH E., AND ROGER R. KERBS.

1972. Some birds of Jackson County, South Dakota. S. D. Bird Notes 24(4):76-77, 81. (Whole No. 95).

FARNSWORTH, D. H., * G. E. GATHERUM, * J. J.
JOKELA, * H. B. KRIEBEL, * D. T. LESTER, * C.
MERRITT, * S. S. PAULEY, * R. A. READ, R. L.
SAIDAK, * AND J. W. WRIGHT.*

1972.

Geographic variation in Japanese larch in north central United States plantations.

Silvae Genetica 21:139-147.

FECHNER, GILBERT H.

1956.

A cubic-foot volume table for ponderosa pine in the northern Black Hills.

Colo. A-M Coll., School For. Range Manage., Res. Note 2, 2 p.

FECHNER, GILBERT H.

1956.

A survey of the pulpwood resource in the northern Black Hills.

U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 20, 21 p.

FECHNER, GILBERT H.

1957.

A survey of the pole resource in the northern Black Hills.

U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 28, 12 p.

FEDDEMA, CHARLES.

1971.

Re-establishment of the genus *Aldama* (Compositae-Heliantheae).

Phytologia 21:308-314.

FEDDEMA, CHARLES.

1972.

Sclerocarpus uniserialis (Compositae) in Texas and Mexico.

Phytologia 23:201-209.

FFOLLIOTT, PETER F.

1965.

Determining growth of ponderosa pine in Arizona by stand projection.

U. S. For. Serv. Res. Note RM-52, 4 p.

FFOLLIOTT, PETER F.

1965.

A multiple BAF angle gage.

U. S. For. Serv. Res. Note RM-43, 2 p.

FFOLLIOTT, PETER F., AND ROLAND L. BARGER.

1965.

A method of evaluating multiproduct potential in standing timber.

U. S. For. Serv. Res. Pap. RM-15, 24 p.

FFOLLIOTT, PETER F., AND ROLAND L. BARGER.

1967.

Occurrence of stem features affecting quality in cutover southwestern ponderosa pine.

U. S. For. Serv. Res. Pap. RM-28, 11 p.

FFOLLIOTT, PETER F., * AND ROLAND L. BARGER.

1971.

New approach to estimating timber products.

Progr. Agric. Ariz. 23(3):11-13.

FFOLLIOTT, PETER F., * AND WARREN P. CLARY.

1972.

A selected and annotated bibliography of understory-overstory vegetation relationships.

Ariz. Agric. Exp. Stn. Tech. Bull. 198, 33 p.

FFOLLIOTT, PETER F., WARREN P. CLARY, AND JAMES R. DAVIS.

1968.

Some characteristics of the forest floor under ponderosa pine in Arizona.

USDA For. Serv. Res. Note RM-127, 4 p.

FFOLLIOTT, PETER F., AND EDWARD A. HANSEN.

1968.

Observations of snowpack accumulation, melt, and runoff on a small Arizona watershed.

USDA For. Serv. Res. Note RM-124, 7 p.

FFOLLIOTT, PETER F., EDWARD A. HANSEN, AND ALMER D. ZANDER.*

1965.

Snow in natural openings and adjacent ponderosa pine stands on the Beaver Creek watersheds.

U. S. For. Serv. Res. Note RM-53, 8 p.

FFOLLIOTT, PETER F., FREDERIC R. LARSON, AND ROLAND L. BARGER.

1971.

Predicting scaled volume recoverable from cutover southwestern ponderosa pine stands.

USDA For. Serv. Res. Note RM-195, 8 p.

FFOLLIOTT, PETER F., AND DAVID P. WORLEY.

1965.

An inventory system for multiple use evaluations.

U. S. For. Serv. Res. Pap. RM-17, 15 p.

FFOLLIOTT, PETER F., AND DAVID P. WORLEY.

1973.

Forest stocking equations: Their development and application.

USDA For. Serv. Res. Pap. RM-102, 8 p.

FISHER, H. G., * M. MAY, W. M. JOHNSON, P. STRATTON, * AND D. R. SMITH.*

1962.

Comparison of rotation and season-long summer grazing on subalpine range in Wyoming. Progress Report—1961.

Wyo. Agric. Exp. Stn. Mimeogr. Circ. 177, 3 p.

FLETCHER, HERBERT C.
1964.
Weather, water, and research.
N. M. Water Conf. [University Park, N. M., Mar. 1964] Proc. 9:18-25.

FLETCHER, HERBERT C., AND HAROLD B. ELMENDORF.*
1955.
Phreatophytes—a serious problem in the West.
U. S. Dep. Agric. Yearb. 1955:423-429.

FLETCHER, H. C., AND L.R. RICH.
1954.
Discussion of 'Use of water by native vegetation versus grasses and forbs on watersheds,' by F. J. Veihmeyer.
Am. Geophys. Union Trans. 35:652-655.

FLETCHER, H. C., AND L. R. RICH.
1955.
Classifying southwestern watersheds on the basis of water yields.
J. For. 53:196-202.

FOSBERG, MICHAEL A.
1969.
Airflow over a heated coastal mountain.
J. Appl. Meteorol. 8:436-442.

FOSBERG, MICHAEL A.
1969.
Further comments on 'The state of moisture transport rate calculations in wood drying.'
Wood Fiber 1:162-163.

FOSBERG, MICHAEL A.
1970.
Drying rates of heartwood below fiber saturation.
For. Sci. 16:57-63.

FOSBERG, MICHAEL A.
1971.
Climatological influences on moisture characteristics of dead fuel: Theoretical analysis.
For. Sci. 17:64-72.

FOSBERG, MICHAEL A.
1971.
Moisture content calculations for the 100-hour timelag fuel in fire danger rating.
USDA For. Serv. Res. Note RM-199, 7 p.

FOSBERG, MICHAEL A.
1972.
Theory of precipitation effects on dead cylindrical fuels.
For. Sci. 18:98-108.

FOSBERG, MICHAEL A.
1973.
Empirical refinement of the theoretical moisture diffusivity.
Wood Sci. 6:190.

FOSBERG, MICHAEL A.
1973.
Prediction of prepyrolysis temperature rise in dead forest fuels.
Fire Technol. 9:182-188.

FOSBERG, MICHAEL A., AND JOHN E. DEEMING.
1971.
Derivation of the 1- and 10-hour timelag fuel moisture calculations for fire-danger rating.
USDA For. Serv. Res. Note RM-207, 8 p.

FOSBERG, MICHAEL A., AND R. WILLIAM FURMAN.
1973.
Fire climates in the Southwest.
Agric. Meteorol. 12:27-34.

FOSBERG, MICHAEL A., JAMES W. LANCASTER, AND MARK J. SCHROEDER.*
1970.
Fuel moisture response—drying relationships under standard and field conditions.
For. Sci. 16:121-128.

FOSBERG, MICHAEL A., ROBERT W. MUTCH, * AND HAL E. ANDERSON.*
1970.
Laboratory and theoretical comparison of desorption in ponderosa pine dowels.
Wood Sci. 3:94-99.

FOSBERG, MICHAEL A., ALBERT RANGO, * AND WILLIAM E. MARLATT.*
1972.
Wind computations from the temperature field in an urban area.
Conf. Urban Environ. 2d Conf. Biometeorol. [Phila., Pa., Oct.-Nov. 1972] Proc., p. 5-7. Am. Meteorol. Soc., Boston, Mass.

FOSBERG, MICHAEL A., AND MARK J. SCHROEDER.*
1971.
Fine herbaceous fuels in fire-danger rating.
USDA For. Serv. Res. Note RM-185, 7 p.

FRANCIS, RICHARD E.
1970.
Ground markers aid in procurement and interpretation of large-scale 70 mm aerial photography.
J. Range Manage. 23:66-68.

FRANCIS, RICHARD E.
1970.
Interpretation and application of large-scale aerial photographs for evaluation of range resources.
Am. Soc. Range Manage. [Denver, Colo., Feb. 1970] Abstr. of Pap. 23:78.

FRANCIS, RICHARD E., RICHARD S. DRISCOLL, AND JACK N. REPPERT.
1972.
Loop-frequency as related to plant cover, herbage production, and plant density.
USDA For. Serv. Res. Pap. RM-94, 8 p.

FRANK, ERNEST C.

1973.

Snow amount in relation to streamflow and herbage production in western Colorado.

J. Range Manage. 26:32-34.

FRANK, ERNEST C., AND RICHARD LEE.

1966.

Potential solar beam irradiation on slopes: Tables for 30 to 50 degrees latitude.

U. S. For. Serv. Res. Pap. RM-18, 116 p.

FROLAND, SVEN G.

1962.

The genus *Salix* (willows) in the Black Hills of South Dakota.

U. S. Dep. Agric. Tech. Bull. 1269, 75 p.

FRUTIGER, HANS.* [TRANSLATOR] SWISS FED. INST. FOR SNOW AND AVALANCHE RES.

1962.

Avalanche control in the starting zone (translation of Swiss guidelines). Guidelines for the planning and design of permanent supporting structures.

U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 71, 60 p.

FRUTIGER, HANS.*

1964.

Snow avalanches along Colorado mountain highways.

U. S. For. Serv. Res. Pap. RM-7, 85 p.

FRUTIGER, HANS,* AND M. MARTINELLI, JR.

1966.

A manual for planning structural control of avalanches.

U. S. For. Serv. Res. Pap. RM-19, 68 p.

FRYE, R. H.,* AND J. M. SCHMID.

1972.

Polypropylene jars improve performance of bark beetle emergence cages.

J. Econ. Entomol. 65:931.

FURMAN, R. WM.

1972.

A stochastic model for deriving the moisture content of heavy fuels.

Am. Meteorol. Soc. Bull. 53:1032. (Abstr.)

FURMAN, R. WILLIAM, AND ROBERT S. HELFMAN.*

1973.

A computer program for processing historic fire weather data for the National Fire-Danger Rating System.

USDA For. Serv. Res. Note RM-234, 12 p.

FURMAN, R. WILLIAM, AND ROBERT S. HELFMAN.*

1973.

Computer time-sharing used with NFDRS. Fire Manage. 34(2):14-16.

G

GAINES, EDWARD M., HARRY R. KALLANDER,* AND JOE A. WAGNER.*
 1958.
 Controlled burning in southwestern ponderosa pine: Results from the Blue Mountain plots, Fort Apache Indian Reservation.
J. For. 56:323-327.

GAINES, EDWARD M., AND E. S. KOTOK.
 1954.
 Thinning ponderosa pine in the Southwest.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 17, 20 p.

GAINES, EDWARD M., AND GERALDINE PETERSON.
 1960.
 Cubic-foot volume tables for southwestern ponderosa pine.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 50, 15 p.

GAINES, EDWARD M., AND ELMER W. SHAW.
 1958.
 Half a century of research—Fort Valley Experimental Forest, 1908-1958.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 38, 17 p.

GAINES, EDWARD M., AND ELMER W. SHAW.
 1959.
 Half a century of research—Fort Valley Experimental Forest, 1908-1958.
J. For. 57:629-633.

GALT, H. D.,* PHIL R. OGDEN,* J. H. EHRENREICH,* BRENT THEURER,* AND S. CLARK MARTIN.
 1968.
 Estimating botanical composition of forage samples from fistulated steers by a microscope point method.
J. Range Manage. 21:397-401.

GALT, H. D.,* BRENT THEURER,* J. H. EHRENREICH,* W. H. HALE,* AND S. CLARK MARTIN.
 1966.
 Botanical composition of the diet of steers grazing a desert grassland range.
Am. Soc. Anim. Sci., West. Sect. [University Park, N. M., July 1966] Proc. 17:397-401.

GALT, H. D.,* BRENT THEURER,* J. H. EHRENREICH,* W. H. HALE,* AND S. CLARK MARTIN.
 1966.
 Botanical composition of the diet of steers grazing a desert grassland range.
J. Anim. Sci. 25:598. (Abstr.)

GALT, H. D.,* BRENT THEURER,* J. H. EHRENREICH,* W. H. HALE,* AND S. CLARK MARTIN.
 1969.
 Botanical composition of diet of steers grazing a desert grassland range.
J. Range. Manage. 22:14-19.

GALT, H. D.,* BRENT THEURER,* AND S. CLARK MARTIN.
 1972.
 Botanical composition of cattle diets on velvet mesquite-fair and nonmesquite-good desert grassland.
Soc. Range Manage. [Wash., D.C., Feb. 1972] Abstr. of Pap. 25:12.

GARCIA, GEORGE, AND WAYNE C. HICKEY, JR.
 1964.
 Controlling cane cactus with 2,4-DP.
U. S. For. Serv. Res. Note RM-15, 2 p.

GARCIA, GEORGE, WAYNE C. HICKEY, JR., AND E. J. DORTIGNAC.
 1963.
 An inexpensive runoff plot.
U. S. For. Serv. Res. Note RM-12, 8 p.

GARCIA, R. M., AND C. P. PASE.
 1967.
 Moisture-retention capacity of litter under two Arizona chaparral communities.
U. S. For. Serv. Res. Note RM-85, 2 p.

GARDNER, NOEL C.,* AND ARTHUR JUDSON.
 1970.
 Artillery control of avalanches along mountain highways.
USDA For. Serv. Res. Pap. RM-61, 26 p.

GARSTKA, W. U.,* L. D. LOVE, B. C. GOODELL, AND F. A. BERTLE.*
 1958.
 Factors affecting snowmelt and streamflow.
U. S. Dep. Inter., Bur. Reclam., and U. S. Dep. Agric., For. Serv., 189 p.

GARTNER, F. ROBERT,* AND KIETH E. SEVERSON.
 1971.
 Fee hunting in western South Dakota.
Am. Soc. Range Manage. [Reno, Nev., Feb. 1971] Abstr. of Pap. 24:29-30.

GARTNER, F. ROBERT,* AND KIETH E. SEVERSON.
 1972.
 Fee hunting in western South Dakota.
J. Range Manage. 25:234-237.

GARY, HOWARD L.
 1960.
 Utilization of five-stamen tamarisk by cattle.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 51, 4 p.

GARY HOWARD L.
 1961.
 A simple device for measuring fluctuations in shallow ground-water wells.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 68, 2 p.

GARY, HOWARD L.

1962.

Removal of tamarisk reduces water-table fluctuations in central Arizona.

U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 81, 6 p.

GARY, HOWARD L.

1963.

Root distribution of five-stamen tamarisk, seepwillow, and arrowweed.

For. Sci. 9:311-314.

GARY, HOWARD L.

1965.

Some site relations in three flood-plain communities in central Arizona.

J. Ariz. Acad. Sci. 3:209-212.

GARY, HOWARD L.

1967.

Density variation in a snowpack of northern New Mexico.

West. Snow Conf. [Boise, Idaho, Apr. 1967] Proc. 35:6-10.

GARY, HOWARD L.

1968.

Soil temperatures under forest and grassland cover types in northern New Mexico.

USDA For. Serv. Res. Note RM-118, 11 p.

GARY, HOWARD L.

1971.

Seasonal and diurnal changes in moisture contents and water deficits of Engelmann spruce needles.

Bot. Gaz. 132:327-332.

GARY, HOWARD L.

1972.

Rime contributes to water balance in high-elevation aspen forests.

J. For. 70:93-97.

GARY, HOWARD L., AND C. J. CAMPBELL.

1965.

Water table characteristics under tamarisk in Arizona.

U. S. For. Serv. Res. Note RM-58, 7 p.

GARY, HOWARD L., AND GEORGE B. COLTHARP.

1967.

Snow accumulation and disappearance by aspect and vegetation type in the Santa Fe basin, New Mexico.

U. S. For. Serv. Res. Note RM-93, 11 p.

GARY, HOWARD L., AND JEROME S. HORTON.

1965.

Some sprouting characteristics of five-stamen tamarisk.

U. S. For. Serv. Res. Note RM-39, 7 p.

GARY, HOWARD L. AND LOWELL R. RICH.

1961.

Nitrogen aids plant growth on Arizona soils derived from granite and diabase.

U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 57, 2 p.

GEORGE, ERNEST J., * RALPH A. READ, E. W. JOHNSON, * AND A. E. FERBER.*

1957.

Shelterbelts and windbreaks.

U. S. Dep. Agric. Yearb. 1957:715-721.

GERMAIN, CHARLES J., AND NOEL D. WYGANT.

1967.

A cylindrical screen cage for rearing bark beetles.

U. S. For. Serv. Res. Note RM-87, 4 p.

GIESKE, MICHAEL, AND RONALD S. BOSTER.

1971.

DAMID: A discounting analysis model for investment decisions.

USDA For. Serv. Res. Note RM-200, 12 p.

GILBERT, PAUL F., * OLOF C. WALLMO, AND R. BRUCE GILL.*

1970.

Effect of snow depth on mule deer in Middle Park, Colorado.

J. Wildl. Manage. 34:15-23.

GILBERTSON, R. L., * FRANCES F. LOMBARD, * AND T. E. HINDS.

1968.

Veluticeps berkeleyi and its decay of pine in North America.

Mycologia 60: 29-41.

GILL, LAKE S.

1954.

Dwarf mistletoe of ponderosa pine in the Southwest.

U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 14, 9 p.

GILL, LAKE S.

1957.

Dwarf mistletoe of lodgepole pine.

U. S. Dep. Agric. For. Pest Leafl. 18, 7 p.

GILL, LAKE S.

1958.

Status of disease control on private forest lands in the Southwest.

p. 25-28. In Time for action in the woods. Timberland Owners' Conf., Southwest. Reg. [Santa Fe, N. M., Sept. 1958] Proc., 44 p.

GILL, LAKE S., AND STUART R. ANDREWS.

1956.

Decay of ponderosa pine slash in the Southwest.

U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 19, 2 p.

GILL, LAKE S., AND FRANK G. HAWKSWORTH.
1954.
Dwarfmistletoe control in southwestern ponderosa pine forests under management.
J. For. 52:347-353.

GILL, LAKE S., AND FRANK G. HAWKSWORTH.
1961.
The mistletoes—a literature review.
U. S. Dep. Agric. Tech. Bull. 1242, 87 p.

GILL, LAKE S., AND FRANK G. HAWKSWORTH.
1964.
Dwarfmistletoe of lodgepole pine.
U. S. Dep. Agric. For. Pest Leafl. 18, 7 p. (Rev.)

GILL, R. BRUCE,* OLOF C. WALLMO, AND JULIUS G. NAGY.*
1970.
The Middle Park deer studies.
Colo. Outdoors 19(5):14-15.

GLENDENING, GEORGE E.
1953.
Noxious plant control on Arizona rangelands.
Ariz. Cattlelog 8(11):25-29.

GLENDENING, GEORGE E.
1960.
Watershed management research in the chaparral type.
p. 31-43. In Watershed management research in Arizona, progress report, 1959. 80 p. U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Fort Collins, Colo.

GLENDENING, GEORGE E., AND C. P. PASE.
1964.
Effect of litter treatment on germination of species found under manzanita (*Arctostaphylos*).
J. Range Manage. 17:265-266.

GLENDENING, G. E., C. P. PASE, AND P. INGEBO.
1961.
Preliminary hydrologic effects of wildfire in chaparral.
Ariz. Watershed Symp. [Phoenix, Ariz., Sept. 1961] Proc. 5:12-15.

GLENDENING, GEORGE E., AND HAROLD A. PAULSEN, JR.
1955.
Reproduction and establishment of velvet mesquite as related to invasion of semidesert grasslands.
U. S. Dep. Agric. Tech. Bull. 1127, 50 p.

GLOCK, WALDO S.,* EDWARD M. GAINES, AND SHARLENE R. AGERTER.*
1964.
Soil-moisture fluctuations under two ponderosa pine stands in northern Arizona.
U. S. For. Serv. Res. Pap. RM-9, 34 p.

GOODELL, B. C.
1954.
Hope for aging snow surveyors or snow surveying from skis to wheel chair.
Snow Surveyors' Forum, Annu. Ed. 8:38-40.

GOODELL, B. C.
1956.
The snow research program at the Fraser Experimental Forest, Colorado.
West. Snow Conf. [Penticton, B. C., Can., Apr. 1956] Proc. 24:35-38.

GOODELL, BERTRAM C.
1958.
A preliminary report on the first year's effects of timber harvesting on water yield from a Colorado watershed.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 36, 12 p.

GOODELL, B. C.
1959.
Management of forest stands in western United States to influence the flow of snow-fed streams.
p. 49-58. In Symposium of Hannoversch-Munden, vol. I, Water and Woodlands. Int. Assoc. Sci. Hydrol. Publ. 48, 340 p.

GOODELL, BERTRAM C.
1959.
Watershed studies at Fraser, Colorado.
Soc. Am. For. [Salt Lake City, Utah, Sept.-Oct. 1958] Proc. 1958:42-45.

GOODELL, BERTRAM C.
1962.
An inexpensive totalizer of solar and thermal radiation.
J. Geophys. Res. 67:1383-1387.

GOODELL, BERTRAM C.
1962.
Research on landscaping for water yield in Colorado.
U. S. For. Serv., Intermt. Reg. and Idaho Univ. For. Coll. Water. Manage. Study Conf. Proc. 1961:100-105.

GOODELL, B. C.
1963.
A reappraisal of precipitation interception by plants and attendant water loss.
J. Soil Water Conserv. 18:231-234.

GOODELL, B. C.
1964.
Water management in the lodgepole pine type.
Soc. Am. For. [Denver, Colo., Sept.-Oct. 1964] Proc. 1964:117-119.

GOODELL, B. C.
1966.
Snowpack management for optimum water benefits.
ASCE Water Resour. Eng. Conf. [Denver, Colo., May 1966] Prepr. 379, 14 p.

GOODELL, B. C.

1966.

Watershed treatment effects on evapotranspiration. p. 477-482. In W. E. Sopper and H. W. Lull [ed.] Forest Hydrology. [Int. Symp. For. Hydrol., Univ. Park, Pa., Aug.-Sept. 1965.] 813 p. Pergamon Press, N.Y.

GOODELL, B. C., J. P. WATT,* AND T. M. ZORICH.*

1967.

Streamflow volumes and hydrographs by fluorescent dyes. XIV Int. Union For. Res. Organ. Congr. [Munich, Sept. 1967] Proc. v. I., Sect. 01-02-11, p. 325-348.

GOODELL, B. C., AND H. G. WILM.*

1955.

How to get more snow water from forest lands. U. S. Dep. Agric. Yearb. 1955:228-234.

GOTTFRIED, G. J., AND C. J. CAMPBELL.

1968.

A shielded thermistor probe with portable instrument for measuring snowpack temperatures. USDA For. Serv. Res. Note RM-120, 3 p.

GRAY, JAMES R.,* MOHAMMED A. A. EL SAADI,* AND CARA W. CURTIS.*

1970.

Economic feasibility of a particleboard industry in New Mexico.

N. M. Agric. Exp. Stn. Bull. 569, 32 p.

GRAY, JAMES R.,* AND H. W. SPRINGFIELD.

1962.

Economics of lambing on crested wheatgrass in northcentral New Mexico. N. M. Agric. Exp. Stn. Bull. 461, 34 p.

GRAY, JAMES R.,* AND H. W. SPRINGFIELD.

1963.

Crested wheatgrass for lambing pays high returns. Natl. Wool Grower 53(1):12-14.

GREEN, CHRISTINE R.,* AND S. CLARK MARTIN.

1967.

An evaluation of precipitation, vegetation, and related factors on the Santa Rita Experimental Range.

Meteorol. Climatol. Arid Reg. Tech. Rep. 17, 82 p. Inst. Atmos. Physics, Univ. Ariz., Tucson.

GREENHAM, C. G.,* AND F. G. HAWKSWORTH.

1966.

Known and potential hazards to forest production by the mistletoes and dwarfmistletoes.

In Internationally dangerous forest diseases and insects. FAO/IUFRO Symp. [Oxford, Engl., July 1964] Meet. 5, 11 p.

H

HAEFFNER, ARDEN D.

1971.

Daily temperatures and precipitation for subalpine forest, central Colorado.

USDA For. Serv. Res. Pap. RM-80, 48 p.

HAEFFNER, ARDEN D., AND A. H. BARNES.*

1972.

Photogrammetric determinations of snow cover extent from uncontrolled aerial photographs.

Am. Soc. Photogramm. [Columbus, Ohio, Oct. 1972] ASP Tech. Sess. Proc., p. 319-340.

HAEFFNER, ARDEN D., AND CHARLES F. LEAF.

1973.

Areal snow cover observations in the central Rockies, Colorado.

USDA For. Serv. Gen. Tech. Rep. RM-5, 15 p.

HAFERKAMP, MARSHALL R., AND PAT O. CURRIE.

1969.

Root development and pulling problems of big bluegrass.

Am. Soc. Range Manage. [Calgary, Alberta, Can., Feb. 1969] Abstr. of Pap. 22:53.

HAFERKAMP, M. R., AND P. O. CURRIE.

1973.

Effects of fertilizer on root strength of Sherman big bluegrass (*Poa ampla* Merr.).

Agron. J. 65:511-512.

HAMILTON, MARTIN A.

1965.

Multiple comparison procedures.

U. S. For. Serv. Res. Note RM-44, 12 p.

HAMRE, R. H.

1963.

The case of the dying budworms.

Denver Post, Empire Mag. 14(47):37, 39.

HANSEN, EDWARD A.

1966.

Field test of an automatic suspended-sediment pumping sampler.

Am. Soc. Agric. Eng. Trans. 9:738-741, 743.

HANSEN, EDWARD A., AND PETER F. FFOLLIOTT.

1968.

Observations of snow accumulation and melt in demonstration cuttings of ponderosa pine in central Arizona.

U. S. For. Serv. Res. Note RM-111, 12 p.

HANSEN, R. M., AND M. J. MORRIS.

1968.

Movement of rocks by northern pocket gophers.

J. Mammal. 49:391-399.

HARDAWAY, GEORGE D.,* AND J. ROBERT THOMPSON.

1962.

A study of water yield from the Santa Fe River watershed.

U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 70, 18 p.

HAWKSWORTH, F. G.

1954.

Dwarf mistletoe survey of the Mescalero Indian Reservation.

U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Unnumbered Publ., 15 p.

HAWKSWORTH, FRANK G.

1954.

Observations on the age of lodgepole pine tissues susceptible to infection by *Arceuthobium americanum*.

Phytopathology 44:552.

HAWKSWORTH, FRANK G.

1956.

Notes on the host relationships of *Arceuthobium americanum* and *A. vaginatum* f. *cryptopodium*.

Plant Dis. Rep. 40:252.

HAWKSWORTH, FRANK G.

1956.

Note on the susceptibility of Indian paintbrush to *Cronartium filamentosum*.

Plant Dis. Rep. 40:581-582.

HAWKSWORTH, FRANK G.

1956.

Upper altitudinal limits of lodgepole pine dwarf mistletoe in the central Rocky Mountains.

Phytopathology 46:561-562.

HAWKSWORTH, FRANK G.

1958.

Rate of spread and intensification of dwarf mistletoe in young lodgepole pine stands.

J. For. 56:404-407.

HAWKSWORTH, FRANK G.

1958.

Survey of lodgepole pine dwarf mistletoe on the Roosevelt, Medicine Bow, and Bighorn National Forests.

U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 35, 13 p.

HAWKSWORTH, F. G.

1959.

Ballistics of dwarf mistletoe seeds.

Science 130:504.

HAWKSWORTH, FRANK G.

1959.

Distribution of dwarf mistletoes in relation to topography on the Mescalero Apache Reservation, New Mexico.

J. For. 57:919-922.

HAWKSWORTH, F. G.

1959.

Dwarf mistletoes of ponderosa pine.

IX Int. Bot. Congr. Proc. 2:154. (Abstr.)

HAWKSWORTH, FRANK G.

1960.

Distribution of ponderosa pine dwarf mistletoe in the vicinity of an Arizona volcano.
Ecology 41: 799-800.

HAWKSWORTH, FRANK G.

1960.

Growth rate of dwarfmistletoe infections in relation to the crown class of the host.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 41, 4 p.

HAWKSWORTH, FRANK G.

1961.

Abnormal fruits and seeds in *Arceuthobium*.
Madrono 16:96-101.

HAWKSWORTH, FRANK G.

1961.

Dwarf mistletoe brooms and other brooms in lodgepole pine.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 59, 3 p.

HAWKSWORTH, FRANK G.

1961.

Dwarf mistletoes of ponderosa pine.
Recent Adv. Bot. 2:1537-1541.

HAWKSWORTH, FRANK G.

1961.

Dwarf mistletoe of ponderosa pine in the Southwest.
U. S. Dep. Agric. Tech. Bull. 1246, 112 p.

HAWKSWORTH, FRANK G.

1961.

Observations on *Arceuthobium vaginatum* in Mexico.
Madrono 16:31-32.

HAWKSWORTH, FRANK G.

1962.

Fairy rings associated with *Polyporus confluens*.
Am. Midl. Nat. 68:495.

HAWKSWORTH, FRANK G.

1963.

Black Hills ponderosa pine susceptible to southwestern dwarfmistletoe.
U. S. For. Serv. Res. Note RM-1, 2 p.

HAWKSWORTH, FRANK G.

1965.

Arceuthobium douglasii in Nevada and Wyoming.
Madrono 18:63.

HAWKSWORTH, FRANK G.

1965.

Diseases of lodgepole pine.
Soc. Am. For. [Denver, Colo., Sept.-Oct. 1964]
Proc. 1964:125-127.

HAWKSWORTH, FRANK G.

1965.

Life tables for two species of dwarfmistletoe. I. Seed dispersal, interception, and movement.
For. Sci. 11:142-151.

HAWKSWORTH, FRANK G.

1965.

Notes on *Arceuthobium* on bristlecone pine.
Leafl. West. Bot. 10:163-164.

HAWKSWORTH, FRANK G.

1967.

Distribution of ponderosa pine dwarf mistletoe on the South Rim of Grand Canyon, Arizona.
Plant Dis. Rep. 51:1049-1051.

HAWKSWORTH, F. G.

1967.

Dwarf mistletoes, *Arceuthobium* spp.
p. 31-35. In Important Forest Insects and Diseases of Mutual Concern to Canada, the United States and Mexico. North Am. For. Comm., FAO., 248 p., Can. Dep. For. Rural Dev., Ottawa.

HAWKSWORTH, F. G.

1967.

Mistletoes, *Phoradendron* spp.
p. 232-234. In Important Forest Insects and Diseases of Mutual Concern to Canada, the United States and Mexico. North Am. For. Comm., FAO., 248 p., Can. Dep. For. Rural Dev., Ottawa.

HAWKSWORTH, FRANK G.

1968.

Lodgepole pine dwarfmistletoe on ponderosa pine.
Plant Dis. Rep. 52:125-127.

HAWKSWORTH, FRANK G.

1968.

Ponderosa pine dwarf mistletoe in relation to topography and soils on the Manitou Experimental Forest, Colorado.
U. S. For. Serv. Res. Note RM-107, 4 p.

HAWKSWORTH, FRANK G.

1969.

Rapid intensification and upward spread of dwarf mistletoe in inoculated digger pines.
Plant Dis. Rep. 53:615-617.

HAWKSWORTH, F. G.

1972.

Biological control of the mistletoes.
p. 83-92. In Biological control of forest diseases. Int. Union For. Res. Organ. XV Congr. [Gainesville, Fla., Mar. 1971] Subj. Group 2, 105 p. Ottawa, Can. For. Serv.

HAWKSWORTH, FRANK G.

1972.

Dwarf mistletoe control.
West. For. Pest Comm. [Seattle, Wash., Dec. 1972]
Annu. Meet. 1972:51-52. West. For. Conserv. Assoc., Portland, Oreg.

HAWKSWORTH, F. G.

1973. Dwarf mistletoes (*Arceuthobium*) of coniferous forests of the world. Eur. Weed Res. Counc. Symp. Parasit. Weeds [Malta, April 1973] Proc. 1973:231-235.

HAWKSWORTH, F. G.

1973. On a new power source. J. Irreproducible Results 20(1):20.

HAWKSWORTH, FRANK G. AND STUART R. ANDREWS.

1961. Guides for pruning dwarfmistletoe-infected ponderosa pine branches. U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 64, 3 p.

HAWKSWORTH, FRANK G., H. H. BYNUM,* AND DONALD V. HEMPHILL.*

1970. Dwarf mistletoes on Brewer spruce. Plant Dis. Rep. 54:488-489.

HAWKSWORTH, FRANK G., GEORGE F. ESTABROOK,* AND DAVID J. ROGERS.*

1968. Application of an information theory model for character analysis in the genus *Arceuthobium* (Viscaceae). Taxon 17:605-619.

HAWKSWORTH, FRANK G., AND LAKE S. GILL.

1960. Rate of spread of dwarfmistletoe in ponderosa pine in the Southwest. U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 42, 2 p.

HAWKSWORTH, FRANK G., AND DONALD P. GRAHAM.*

1963. Dwarfmistletoes on spruce in the western United States. Northwest Sci. 37:31-38.

HAWKSWORTH, FRANK G., AND DONALD P. GRAHAM.*

1963. Spread and intensification of dwarfmistletoe in lodgepole pine reproduction. J. For. 61:587-591.

HAWKSWORTH, FRANK G., AND THOMAS E. HINDS.

1959. Progress report on the rate of deterioration of beetle-killed Engelmann spruce in Colorado. U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 36, 6 p.

HAWKSWORTH, FRANK G., AND THOMAS E. HINDS.

1960. Cytospora canker of Engelmann spruce in Colorado. Plant Dis. Rep. 44:72.

HAWKSWORTH, FRANK G., AND THOMAS E. HINDS.

1964. Effects of dwarfmistletoe on immature lodgepole pine stands in Colorado. J. For. 62:27-32.

HAWKSWORTH, FRANK G., AND THOMAS E. HINDS.

1965. Spread of a parasite. Nat. Hist. 74(3):52-58.

HAWKSWORTH, FRANK G., AND NORMAN E. JOHNSON.

1961. Guides for pruning dwarfmistletoe-infected lodgepole pine branches. U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 65, 4 p.

HAWKSWORTH, FRANK G., PAUL C. LIGHTLE, AND ROBERT F. SCHARPF.*

1968. *Arceuthobium* in Baja California, Mexico. Southwest. Nat. 13:101-102.

HAWKSWORTH, FRANK G., AND ARTHUR A. LUSHER.

1956. Dwarfmistletoe survey and control on the Mescalero-Apache Reservation, New Mexico. J. For. 54:384-390.

HAWKSWORTH, FRANK G., AND JAMES L. MIELKE.*

1962. Witches' broom of Gambel oak associated with *Articularia quercina* var. *minor*. Phytopathology 52:451-454.

HAWKSWORTH, FRANK G., AND CLIFFORD A. MYERS.

1973. Procedures for using yield simulation programs for dwarf mistletoe-infested lodgepole and ponderosa pine stands. USDA For. Serv. Res. Note RM-237, 4 p.

HAWKSWORTH, FRANK G., AND ROGER S. PETERSON.

1959. Notes on the hosts of three pine dwarfmistletoes in northern Colorado. Plant Dis. Rep. 43:109-110.

HAWKSWORTH, FRANK G., AND JOHN M. STALEY.

1968. *Rhizosphaera kalkhoffii* on spruce in Arizona. Plant Dis. Rep. 52:804-805.

HAWKSWORTH, FRANK G., JAMES L. STEWART,*
AND WILMER F. BAILEY.*

1968.

You can save your pines from dwarf mistletoe.
U. S. For. Serv. Res. Pap. RM-35, 20 p.

HAWKSWORTH, FRANK G., AND ED F. WICKER.*

1973.

Nectria flammea associated with scale insects on
dwarf mistletoe in Honduras.
Turrialba 23:365-367.

HAWKSWORTH, FRANK G., AND DELBERT WIENS.*

1964.

A new species of *Arceuthobium* from Arizona.
Brittonia 16:54-57.

HAWKSWORTH, FRANK G., AND DELBERT WIENS.*

1964.

The Mexican species of *Arceuthobium*.
Am. J. Bot. 51:688. (Abstr.)

HAWKSWORTH, FRANK G., AND DELBERT WIENS.*

1965.

Arceuthobium in Mexico.
Brittonia 17:213-238.

HAWKSWORTH, FRANK G., AND DELBERT WIENS.*

1966.

Observations on witches'-broom formation,
autoparasitism, and new hosts in *Phoradendron*.
Madrono 18:218-224.

HAWKSWORTH, FRANK G., AND DELBERT WIENS.*

1968.

Muerdagos enanos, *Arceuthobium*, en pinos de
Centro America. [Dwarf mistletoes, *Arceuthobium*,
on pines in Central America.]
Turrialba 18:437.

HAWKSWORTH, F. G., AND DELBERT WIENS.*

1970.

Arceuthobium Bieb. Dwarf mistletoe.
p. 503-504. In Manual of the vascular plants of
Texas, by D. S. Correll and M. C. Johnston.
Renner, Tex. Res. Found., 1881 p.

HAWKSWORTH, F. G., AND D. WIENS.*

1970.

Biology and taxonomy of the dwarf mistletoes.
Annu. Rev. Phytopathol. 8:187-208.

HAWKSWORTH, FRANK G., AND DELBERT WIENS.*

1970.

New taxa and nomenclatural changes in
Arceuthobium (Viscaceae).
Brittonia 22:265-269.

HAWKSWORTH, FRANK G., AND DELBERT WIENS.*

1972.

Biology and classification of the dwarf mistletoes
(*Arceuthobium*).
U. S. Dep. Agric., Agric. Handb. 401, 234 p.

HAWKSWORTH, FRANK G., DELBERT WIENS,* AND
DONALD P. GRAHAM.*

1967.

Dwarf-mistletoe on Brewer spruce in Oregon.
Northwest Sci. 41:42-44.

HAYES, G. LLOYD.

1965.

Providing for optimum regeneration in the logging
plan—east side.
West. Refor. Coord. Comm. [Vancouver, B.C.,
Dec. 1965] Proc. 1965:6-9. West. For. Conserv.
Assoc., Portland, Oreg.

HAYES, G. L.*

1970.

Impacts of fire use on forest ecosystems.
In The role of fire in the intermountain west.
Intermt. Fire Res. Counc. Symp. [Missoula, Mont.,
Oct. 1970] Proc. 1970:99-118.

HAYES, G. L.* AND JESSE H. BUELL.

1955.

Trees also need water at the right time and place.
U. S. Dep. Agric. Yearb. 1955:219-228.

HEEDE, BURCHARD H.

1960.

A study of early gully-control structures in the
Colorado Front Range.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and
Range Exp. Stn., Stn. Pap. 55, 42 p.

HEEDE, BURCHARD H.

1964.

A pavement breaker attachment to drive steel
fenceposts.
J. Soil Water Conserv. 19:181-182.

HEEDE, BURCHARD H.

1965.

Hydraulic reclamation: A unique Italian method in
watershed rehabilitation.
J. Soil. Water Conserv. 20:216-219.

HEEDE, BURCHARD H.

1965.

Multipurpose prefabricated concrete check dam.
U. S. For. Serv. Res. Pap. RM-12, 16 p.

HEEDE, BURCHARD H.

1966.

Design, construction and cost of rock check dams.
U. S. For. Serv. Res. Pap. RM-20, 24 p.

HEEDE, BURCHARD H.

1966.

Engineering techniques and principles applied to
soil erosion control.
I Pan Am. Soil Conserv. Congr. [Sao Paulo, Brazil,
Apr. 1966] Proc. 1966:179-185.

HEEDE, BURCHARD H.

1967.

The fusion of discontinuous gullies—a case study.
Int. Assoc. Sci. Hydrol. Bull. 12:42-50.

HEEDE, BURCHARD H.

1968.
Conversion of gullies to vegetation-lined waterways on mountain slopes.
USDA For. Serv. Res. Pap. RM-40, 11 p.

HEEDE, BURCHARD H.

1968.
Engineering techniques and principles applied to soil erosion control.
U. S. For. Serv. Res. Note RM-102, 7 p.

HEEDE, BURCHARD H.

1970.
Morphology of gullies in the Colorado Rocky Mountains.
Int. Assoc. Sci. Hydrol. Bull. 15:79-89.

HEEDE, BURCHARD H.

1971.
Characteristics and processes of soil piping in gullies.
Am. Geophys. Union Trans. 52:204. (Abstr.)

HEEDE, BURCHARD H.

1971.
Characteristics and processes of soil piping in gullies.
USDA For. Serv. Res. Pap. RM-68, 15 p.

HEEDE, BURCHARD H.

1972.
Flow and channel characteristics of two high mountain streams.
USDA For. Serv. Res. Pap. RM-96, 12 p.

HEEDE, BURCHARD H.

1972.
Influences of a forest on the hydraulic geometry of two mountain streams.
Water Resour. Bull. 8:523-530.

HEEDE, BURCHARD H., AND JOHN G. MUFICH.

1973.
Functional relationships and a computer program for structural gully control.
J. Environ. Manage. 1:321-344.

HEIDMANN, L. J.

1962.
Longevity of ponderosa pine seed.
Ecology 43:344.

HEIDMANN, L. J.

1963.
Deer repellents are effective on ponderosa pine in the Southwest.
J. For. 61:53-54.

HEIDMANN, L. J.

1963.
Effects of rock mulch and scalping on survival of planted ponderosa pine in the Southwest.
U. S. For. Serv. Res. Note RM-10, 7 p.

HEIDMANN, L. J.

1963.
Heavy pruning reduces growth of southwestern ponderosa pine.
U. S. For. Serv. Res. Note RM-3, 3 p.

HEIDMANN, L. J.

1967.
Herbicides for preparing ponderosa pine planting sites in the Southwest.
U. S. For. Serv. Res. Note RM-83, 4 p.

HEIDMANN, L. J.

1968.
Herbicides for preparing ponderosa pine planting sites in the Southwest.
Down to Earth 24:18-20.

HEIDMANN, L. J.

1968.
Silvicultural control of dwarf mistletoe in heavily infected stands of ponderosa pine in the Southwest.
U. S. For. Serv. Res. Pap. RM-36, 11 p.

HEIDMANN, L. J.

1969.
Use of herbicides for planting site preparations in the Southwest.
J. For. 67:506-509.

HEIDMANN, L. J.

1970.
Preemergent herbicides for preparing ponderosa pine planting sites in the Southwest.
USDA For. Serv. Res. Note RM-164, 4 p.

HEIDMANN, L. J.

1972.
An initial assessment of mammal damage in the forests of the Southwest.
USDA For. Serv. Res. Note RM-219, 7 p.

HEIDMANN, L. J., AND WALTER BIERWAGEN.

1961.
Improved cone-drying rack.
Tree Plant. Notes 47:13-14.

HEIDT, JACK D., DONALD A. JAMESON, ROLAND L. BARGER, AND BERNARD J. ERICKSON.

1971.
Determining timber conversion alternatives through computer analysis.
USDA For. Serv. Res. Pap. RM-74, 27 p.

HELLER, R. C., * J. L. BEAN, * AND F. B. KNIGHT.

1959.
Aerial surveys of Black Hills beetle infestations.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 46, 8 p.

HELLMERS, H., * M. K. GENTHE, * AND F. RONCO.

1970.
Temperature affects growth and development of Engelmann spruce.
For. Sci. 16:447-452.

HERMAN, F. R.
1953.
A growth record of Utah juniper in Arizona.
J. For. 51:200-201.

HERMAN, F. R.
1954.
A guide for marking fire-damaged ponderosa pine in the Southwest.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 13, 4 p.

HERMAN, F. R.
1954.
Use of ammate crystals for poisoning ponderosa pine in stand improvement.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 14, 5 p.

HERMAN, F. R.
1956.
Growth and phenological observations of Arizona junipers.
Ecology 37:193-195.

HERMAN, FRANCIS R.
1958.
Logging in high-altitude forests of the central Rocky Mountains.
Soc. Am. For. [Salt Lake City, Utah, Sept.-Oct. 1958] Proc. 1958:19-21.

HERMANN, F. R.
1958.
Silvical characteristics of Rocky Mountain juniper.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 29, 20 p.

HERMAN, FRANCIS R.
1960.
A test of skyline cable logging on steep slopes—a progress report.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 53, 17 p.

HERMAN, FRANCIS R.
1961.
Silvicultural control of dwarfmistletoe on southwestern ponderosa pine—a progress report.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 62, 20 p.

HERMANN, FREDERICK J.
1970.
Manual of the carices of the Rocky Mountains and Colorado Basin.
U. S. Dep. Agric., Agric. Handb. 374, 397 p.

HERMANN, FREDERICK J.
1971.
New species of *Carex* from Mexico and Guatemala.
Brittonia 23:144-148.

HERMANN, FREDERICK J.
1972.
A new variety of *Carex bicknellii* from Arkansas.
Sida 5(1):49.

HERMANN, FREDERICK J.
1973.
Additions to the bryophyte flora of Alaska.
Bryologist 76:442-446.

HERMANN, FREDERICK J.
1973.
Additions to the bryophyte flora of Mt. McKinley National Park, Alaska.
Bryologist 76:563-565.

HERVEY, D. F., * AND W. M. JOHNSON.
1954.
Don't overlook Russian wild rye.
Colo. Farm Home Res. 5(4):3, 4, 11.

HERVEY, D. F., * AND W. M. JOHNSON.
1955.
Russian wild rye has definite place in reseeding programs.
West. Farm Life, Annu. Livest. Rev. 15:92-93.

HIBBERT, ALDEN R.
1969.
Precipitation limits the increase in streamflow after converting brush to grass in Arizona.
Am. Geophys. Union Trans. 50:139. (Abstr.)

HIBBERT, A. R.
1969.
Water yield changes after converting a forested catchment to grass.
Water Resour. Res. 5:634-640.

HIBBERT, ALDEN R.
1971.
Increases in streamflow after converting chaparral to grass.
Water Resour. Res. 7:71-80.

HIBBERT, ALDEN R., AND WILSON B. CASNER.
1971.
Reducing excess readouts from digital streamflow recorders.
Water Resour. Res. 7:415-418.

HIBBERT, ALDEN R., AND PAUL A. INGEBO.
1971.
Chaparral treatment effects on streamflow.
p. 25-34. In 15th Annu. Ariz. Watershed Symp. [Phoenix, Ariz., Sept. 1971] Proc. Ariz. Water Comm. Rep. 1, 55 p. Phoenix, Ariz.

HICKEY, WAYNE C., JR.
1961.
Growth form of crested wheatgrass as affected by site and grazing.
Ecology 42:173-176.

HICKEY, WAYNE C., JR.
1961.
Relation of selected measurements to weight of crested wheatgrass plants.
J. Range Manage. 14:143-146.

HICKEY, WAYNE C., JR.

1964.

A device for cutting uniform inch-height segments of plants and plant parts.
J. Range Manage. 17:154-155.

HICKEY, WAYNE C., JR., AND E. J. DORTIGNAC.

1964.

An evaluation of soil ripping and soil pitting on runoff and erosion in the semiarid southwest.
Int. Assoc. Sci. Hydrol. Publ. 65:22-33.

HICKEY, WAYNE C., JR., AND GEORGE GARCIA.

1963.

Tamper proof rain gages.
U. S. For. Serv. Res. Note RM-14, 4 p.

HICKEY, WAYNE C., JR., AND GEORGE GARCIA.

1964.

Changes in perennial grass cover following conversion from yearlong to summer-deferred grazing in west central New Mexico.
U. S. For. Serv. Res. Note RM-33, 3 p.

HICKEY, WAYNE C., JR., AND GEORGE GARCIA.

1964.

Range utilization patterns as affected by fencing and class of livestock.
U. S. For. Serv. Res. Note RM-21, 7 p.

HICKEY, WAYNE C., JR., AND H. W. SPRINGFIELD.

1966.

Alkali sacaton: Its merits for forage and cover.
J. Range Manage. 19:71-74.

HILMON, J. B.,* J. L. CLUTTER,* AND D. R. CABLE.

1963.

Layout of experimental units.
p. 124-131. In Range research methods: A symposium, Denver, Colo., May 1962. U. S. Dep. Agric. Misc. Publ. 940, 172 p.

HINDS, THOMAS E.

1962.

Inoculations with the sooty-bark canker fungus on aspen.
Plant Dis. Rep. 46:57-58.

HINDS, THOMAS E.

1963.

Extent of decay associated with *Fomes igniarius* sporophores in Colorado aspen.
U. S. For. Serv. Res. Note RM-4, 4 p.

HINDS, T. E.

1964.

Distribution of aspen cankers in Colorado.
Plant Dis. Rep. 48:610-614.

HINDS, THOMAS E.

1971.

Decay of ponderosa pine sawtimber in the Black Hills.
USDA For. Serv. Res. Pap. RM-65, 11 p.

HINDS, T. E.

1972.

Ceratocystis canker of aspen.
Phytopathology 62:213-220.

HINDS, T. E.

1972.

Insect transmission of *Ceratocystis* species associated with aspen cankers.
Phytopathology 62:221-225.

HINDS, THOMAS E., AND GERALD W. ANDERSON.*

1970.

Some *Ceratocystis* spp. and a *Cenangium* found on Minnesota aspen.
Plant Dis. Rep. 54:460-461.

HINDS, THOMAS E., AND PAUL E. BUFFAM.*

1971.

Blue stain in Engelmann spruce trap trees treated with cacodylic acid.
USDA For. Serv. Res. Note RM-201, 4 p.

HINDS, T. E., AND R. W. DAVIDSON.*

1967.

A new species of *Ceratocystis* on aspen.
Mycologia 59:1102-1106.

HINDS, T. E., AND R. W. DAVIDSON.*

1972.

Ceratocystis species associated with the aspen ambrosia beetle.
Mycologia 64:405-409.

HINDS, T. E., R. W. DAVIDSON,* AND FRANCES F. LOMBARD.*

1968.

Decay of Engelmann spruce by *Lentinellus montanus* in Colorado.
Plant Dis. Rep. 52:820-821.

HINDS, T. E., AND F. G. HAWKSWORTH.

1965.

Seed dispersal velocity in four dwarfmistletoes.
Science 148:517-519.

HINDS, THOMAS E., AND FRANK G. HAWKSWORTH.

1966.

Indicators and associated decay of Engelmann spruce in Colorado.
U. S. For. Serv. Res. Pap. RM-25, 15 p.

HINDS, THOMAS E., FRANK G. HAWKSWORTH, AND ROSS W. DAVIDSON.

1960.

Decay of subalpine fir in Colorado.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 51, 13 p.

HINDS, THOMAS E., FRANK G. HAWKSWORTH, AND ROSS W. DAVIDSON.*

1965.

Beetle-killed Engelmann spruce—its deterioration in Colorado.
J. For. 63:536-542.

HINDS, T. E., F. G. HAWKSWORTH, AND W. J. McGINNIES.*
 1963.
 Seed discharge in *Arceuthobium*: A photographic study.
Science 140:1236-1238.

HINDS, THOMAS E., AND JOHN R. JONES.
 1965.
 Hypoxylon canker of aspen in Arizona.
Plant Dis. Rep. 49:480.

HINDS, THOMAS E., AND ROGER S. PETERSON.*
 1966.
 Antibiotic tests on western gall rust and aspen cankers.
Plant Dis. Rep. 50:741-744.

HINDS, THOMAS E., AND JAMES L. STEWART.*
 1965.
 Cytospora canker recurrence on Douglas-fir in Colorado.
Plant Dis. Rep. 49:481-482.

HOOVER, MARVIN D.
 1954.
 Mountain watersheds and great plains agriculture.
West. Farm Econ. Assoc. [Estes Park, Colo., July 1954] Proc. 27:1-3.

HOOVER, MARVIN D.
 1956.
 Water yield research by the Rocky Mountain Forest and Range Experiment Station.
Pac. Southwest Inter-Agency Comm. Minutes 56-4(B):14-20.

HOOVER, MARVIN D.
 1958.
 Vegetation and land-use effects.
Am. Geophys. Union Trans. 39:519. (Abstr.)

HOOVER, MARVIN D.
 1959.
 Forest watershed research—some accomplishments and opportunities.
Soc. Am. For. [San Francisco, Calif., Nov. 1959] Proc. 1959:198-200.

HOOVER, MARVIN D.
 1960.
 Prospects for affecting the quantity and timing of water yield through snowpack management in southern Rocky Mountain area.
West. Snow Conf. [Santa Fe, N. M., Apr. 1960] Proc. 28:51-53.

HOOVER, MARVIN D.
 1962.
 Water action and water movement in the forest.
 p. 31-80. *In Forest influences. FAO For. and For. Prod. Stud.* 15, 307 p.

HOOVER, MARVIN D.
 1963.
 Watershed management and water yield.
Soil Conserv. Soc. Am. [Logan, Utah, Aug. 1963] Proc. 18:103-108.

HOOVER, MARVIN D.
 1967.
 Forests—where the waterflow starts.
U. S. Dep. Agric. Yearb. 1967:77-79.

HOOVER, MARVIN D.
 1969.
 Vegetation management for water yield.
Am. Water Resour. Assoc. Symp. Water Balance North Am. [Banff, Alberta, Can., June 1969] Proc. Ser. 7, p. 191-195.

HOOVER, MARVIN D.
 1969.
 Water yield improvement for the timber snow zone of the central Rocky Mountain area.
Workshop Snow Ice Hydrol. [Fort Collins, Colo., Aug. 1969] Proc. 1969:111-116.

HOOVER, MARVIN D.
 1971.
 Water yield management for forest lands.
Four States Irrig. Coun. [Denver, Colo., Jan. 1971] Proc. 20:98, 108-109.

HOOVER, MARVIN D., AND CHARLES F. LEAF.
 1967.
 Process and significance of interception in Colorado subalpine forest.
 p. 213-224. *In W. E. Sopper and H. W. Lull* [ed.] *Forest Hydrology.* [Int. Symp. For. Hydrol., Univ. Park, Pa., Aug.-Sept. 1965] 813 p., Pergamon Press, N. Y.

HOOVER, MARVIN D., AND ELMER W. SHAW.
 1962.
 More water from the mountains.
U. S. Dep. Agric. Yearb. 1962:246-252.

HORTON, J. S.
 1957.
 Inflorescence development in *Tamarix pentandra* Pallas (Tamaricaceae).
Southwest. Nat. 2:135-139.

HORTON, J. S.
 1959.
 The problem of phreatophytes.
 p. 76-83. *In Symposium of Hannoversch-Munden, vol. I, Water and Woodlands. Int. Assoc. Sci. Hydrol. Publ.* 48, 340 p.

HORTON, J. S.
 1960.
 Ecology of saltcedar.
Ariz. Watershed Symp. [Phoenix, Ariz., Sept. 1960] Proc. 4:19-21.

HORTON, J. S.
 1960.
 Use of a root plow in clearing tamarisk stands.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 50, 6 p.

HORTON, JEROME S.
 1964.
 Notes on the introduction of deciduous tamarisk.
U. S. For. Serv. Res. Note RM-16, 7 p.

HORTON, JEROME S.

1966.

Problems of land management in the various phreatophyte zones.

Pac. Southwest Inter-Agency Comm., Phreatophyte Subcomm., Phreatophyte Symp. [Albuquerque, N. M., Aug. 1966] Meet. 66-3, p. 1-6.

HORTON, JEROME S.

1972.

Management problems in phreatophyte and riparian zones.

J. Soil Water Conserv. 27:57-61.

HORTON, JEROME S.

1973.

Evapotranspiration and water research as related to riparian and phreatophyte management: An abstract bibliography.

U.S. Dep. Agric. Misc. Publ. 1234, 192 p.

HORTON, JEROME S., JOHN P. DECKER, AND HOWARD L. GARY.

1960.

Watershed management research in stream-bottom vegetation.

p. 65-78. In Watershed management research in Arizona, progress report, 1959. 80 p. U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Fort Collins, Colo.

HORTON, JEROME S., AND JOHN E. FLOOD.*

1962.

Taxonomic notes on *Tamarix pentandra* in Arizona. Southwest Nat. 7:23-28.

HORTON J. S., F. C. MOUNTS, AND J. M. KRAFT.

1960.

Seed germination and seedling establishment of phreatophyte species.

U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 48, 26 p.

HORTON, J. S., T. W. ROBINSON,* AND H. R.

McDONALD.*

1964.

Guide for surveying phreatophyte vegetation.

U. S. Dep. Agric., Agric. Handb. 266, 37 p.

HUGHES, JAY M.

1962.

Pulp- and papermaking opportunities in west central Colorado.

U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 73, 48 p.

HUGHES, JAY M.

1963.

Pulp and papermaking opportunities in west-central Colorado.

Tech. Assoc. Pulp Pap. Indus. 46(2):26A, 28A, 30A.

HUGHES, JAY M., AND LEE M. JAMES.*

1963.

The nation's income from timber products. J. For. 61:185-189.

HULL, A. C., JR., AND W. M. JOHNSON.

1955.

Range seeding in the ponderosa pine zone in Colorado.

U. S. Dep. Agric. Circ. 953, 40 p.

HURD, RICHARD M.

1955.

Effect of 2,4-D on some herbaceous range plants. J. Range Manage. 8:126-128.

HURD, RICHARD M.

1959.

Factors influencing herbage weight of Idaho fescue plants.

J. Range Manage. 12:61-63.

HURD, RICHARD M.

1961.

Grassland vegetation in the Big Horn Mountains, Wyoming.

Ecology 42:459-467.

HURD, RICHARD M., AND NELAND A. KISSINGER, JR.

1953.

Estimating utilization of Idaho fescue (*Festuca idahoensis*) on cattle range by percent of plants grazed.

U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 12, 5 p.

HURD, RICHARD M., AND FLOYD W. POND.

1958.

Relative preference and productivity of species on summer cattle ranges, Big Horn Mountains, Wyoming.

J. Range Manage. 11:109-114.

HUTCHINGS, SELAR S.,* AND CHARLES P. PASE.

1963.

Measurement of plant cover—basal, crown, leaf area.

p. 22-30. In Range research methods: A symposium, Denver, Colo., May 1962. U. S. Dep. Agric. Misc. Publ. 940, 172 p.

HUTCHISON, BOYD A.

1965.

Snow accumulation and disappearance influenced by big sagebrush.

U. S. For. Serv. Res. Note RM-46, 7 p.

HUTCHISON, BOYD A.

1966.

A comparison of evaporation from snow and soil surfaces.

Int. Assoc. Sci. Hydrol. Bull. 11:34-42.

HYDER, D. N.,* R. E. BEMENT,* J. J. NORRIS,* AND M. J. MORRIS.

1966.

Evaluating herbage species by grazing cattle. Part I, food intake.

X Int. Grassl. Congr. [Helsinki, 1966] Proc. 1966:970-974.

INGEBO, PAUL A.

1969.

Effect of heavy late-fall precipitation on runoff from a chaparral watershed.

USDA For. Serv. Res. Note RM-132, 2 p.

INGEBO, PAUL A.

1969.

Streamflow response to chemical suppression of streamside chaparral cover.

Am. Geophys. Union Trans. 50:615. (Abstr.)

INGEBO, PAUL A.

1971.

Suppression of channel-side chaparral cover increases streamflow.

J. Soil Water Conserv. 26:79-81.

INGEBO, PAUL A.

1972.

Converting chaparral to grass to increase streamflow.

p. 181-192. *In* Hydrology and water resources in Arizona and the Southwest. Ariz. Sect., Am. Water Resour. Assoc., and Hydrol. Sect., Ariz. Acad. Sci. [Prescott, Ariz., May 1972] Proc. v. 2, 492 p.

INGEBO, PAUL A., WILSON B. CASNER, AND GARY L. GODSEY.

1971.

A computer program for computing streamflow volumes.

USDA For. Serv. Res. Note RM-203, 8 p.

J

JAMESON, DON.
1958.
U.S.F.S. marks inaugural airlift onto remote G.C. mesa.
Ariz. Daily Sun, May 17, p. 5.

JAMESON, DONALD A.
1959.
Use of fire in control of juniper in Arizona.
West. Weed Control Conf., Res. Prog. Rep. 1959:20. (Abstr.)

JAMESON, DONALD A.
1961.
Growth inhibitors in native plants of northern Arizona.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 61, 2 p.

JAMESON, DONALD A.
1961.
Heat and desiccation resistance of tissue of important trees and grasses of the pinyon-juniper type.
Bot. Gaz. 122:174-179.

JAMESON, DONALD A.
1962.
Effects of burning on a galleta-black grama range invaded by juniper.
Ecology 43:760-763.

JAMESON, DONALD A.
1963.
Evaluation of the responses of individual plants to grazing.
p. 109-116. In Range research methods: A symposium, Denver, Colo., May 1962. U. S. Dep. Agric. Misc. Publ. 940, 172 p.

JAMESON, DONALD A.
1963.
Responses of individual plants to harvesting.
Bot. Rev. 29:532-594.

JAMESON, DONALD A.
1964.
Effect of defoliation on forage plant physiology.
In Forage plant physiology and soil-range relationships. Am. Soc. Agron. ASA Spec. Publ. 5:67-80.

JAMESON, DONALD A.
1965.
Arrangement and growth of pinyon and one-seed juniper trees.
Plateau 37:121-127.

JAMESON, DONALD A.
1965.
Phenology of grasses of the northern Arizona pinyon-juniper type.
U. S. For. Serv. Res. Note RM-47, 8 p.

JAMESON, DONALD A.
1966.
Competition in a blue grama-broom snakeweed-actinea community and responses to selective herbicides.
J. Range Manage. 19:121-124.

JAMESON, DONALD A.
1966.
Diurnal and seasonal fluctuations in moisture content of pinyon and juniper.
U. S. For. Serv. Res. Note RM-67, 7 p.

JAMESON, DONALD A.
1966.
Juniper control by individual tree burning.
U. S. For. Serv. Res. Note RM-71, 4 p.

JAMESON, DONALD A.
1966.
Pinyon-juniper litter reduces growth of blue grama.
J. Range Manage. 19:214-217.

JAMESON, DONALD A.
1967.
The relationship of tree overstory and herbaceous understory vegetation.
J. Range Manage. 20:247-249.

JAMESON, DONALD A.
1968.
Species interactions of growth inhibitors in native plants of northern Arizona.
U. S. For. Serv. Res. Note RM-113, 2 p.

JAMESON, DONALD A.
1969.
Rainfall patterns on vegetation zones in northern Arizona.
Plateau 41:105-111.

JAMESON, DONALD A.
1970.
Degradation and accumulation of inhibitory substances from *Juniperus osteosperma* (Torr.) Little.
Plant Soil 33:213-224.

JAMESON, DONALD A.
1970.
Juniper root competition reduces basal area of blue grama.
J. Range Manage. 23:217-218.

JAMESON, DONALD A.
1970.
Value of broom snakeweed as a range condition indicator.
J. Range Manage. 23:302-304.

JAMESON, DONALD A.
1971.
Optimum stand selection for juniper control on southwestern woodland ranges.
J. Range Manage. 24:94-99.

JAMESON, DONALD A., AND J. D. DODD.*
1969.
Herbage production differs with soil in the pinyon-juniper type of Arizona.
USDA For. Serv. Res. Note RM-131, 4 p.

JAMESON, DONALD A., AND DONALD L. HUSS.*
1959.
The effect of clipping leaves and stems on number of tillers, herbage weights, root weights, and food reserves of little bluestem.
J. Range Manage. 12:122-126.

JAMESON, DONALD A., AND THOMAS N. JOHNSEN, JR.*
1964.
Ecology and control of alligator juniper.
Weeds 12:140-142.

JAMESON, DONALD A., AND ELBERT H. REID.
1965.
The pinyon-juniper type of Arizona.
J. Range Manage. 18:152-153.

JAMESON, DONALD A., JOHN A. WILLIAMS,*, AND EUGENE W. WILTON.*
1962.
Vegetation and soils of Fishtail Mesa, Arizona.
Ecology 43:403-410.

JENNINGS, DANIEL T.
1971.
Ocular anomaly of *Misumenops* sp. (Araneae: Thomisidae).
Southwest. Nat. 15:503.

JENNINGS, DANIEL T.
1971.
Plant associations of *Misumenops coloradensis* Gertsch (Araneae: Thomisidae) in central New Mexico.
Southwest. Nat. 16:201-207.

JENNINGS, DANIEL T.
1972.
An overwintering aggregation of spiders (Araneae) on cottonwood in New Mexico.
Entomol. News 83:61-67.

JENNINGS, DANIEL T.
1973.
Egg retreat of *Metaphidippus arizonensis* (Peckham) (Araneae: Salticidae) in a hollow stem.
Entomol. News 84:317-320.

JENNINGS, DANIEL T.
1973.
An emergence cage for soil-pupating *Rhyacionia* spp.
USDA For. Serv. Res. Note RM-250, 4 p.

JOHNSEN, THOMAS N., JR.,* WARREN P. CLARY, AND PETER F. FFOLLIOTT.
1969.
Gambel oak control on the Beaver Creek pilot watershed in Arizona.
U. S. Dep. Agric., Agric. Res. Serv., ARS-34-104, 8 p.

JOHNSEN, THOMAS N., JR.,* GILBERT H. SCHUBERT, AND DEWEY P. ALMAS.*
1973.
Rehabilitation of forest land: The Rocky Mountain-Intermountain Region.
J. For. 71:144-147.

JOHNSON, KENDALL L., AND RONALD D. TABLER.
1973.
An enclosed weir for small streams in snow country.
USDA For Serv. Res. Note RM-238, 8 p.

JOHNSON, W. M.
1953.
Effect of grazing intensity upon vegetation and cattle gains on ponderosa pine-bunchgrass ranges of the Front Range of Colorado.
U. S. Dep. Agric. Circ. 929, 36 p.

JOHNSON, WALLACE M.
1954.
Supplements on fall range.
Colo. Rancher Farmer 8(14):10.

JOHNSON, W. M.
1955.
The place of research in range management.
Ames For. 42:14-16.

JOHNSON, W. M.
1956.
The effect of grazing intensity on plant composition, vigor, and growth of pine-bunchgrass ranges in central Colorado.
Ecology 37:790-798.

JOHNSON, W. M.
1958.
Reinvasion of big sagebrush following chemical control.
J. Range Manage. 11:169-172.

JOHNSON, W. M.
1959.
Grazing intensity trials on seeded ranges in the ponderosa pine zone of Colorado.
J. Range Manage. 12:1-7.

JOHNSON, W. M.
1962.
Vegetation of high-altitude ranges in Wyoming as related to use by game and domestic sheep.
Wyo. Agric. Exp. Stn. Bull. 387, 31 p.

JOHNSON, W. M.
1964.
Field key to the sedges of Wyoming.
Wyo. Agric. Exp. Stn. Bull. 419, 239 p.

JOHNSON, W. M.
1964.
What do sheep eat on alpine ranges.
Wyo. Wool Grower 37(11):30-31.

JOHNSON, W. M.
1965.
Formula for a sheepherder.
Wyo. Wool Grower 38(8):9.

JOHNSON, W. M.
1965.
Rotation, rest-rotation, and season-long grazing on a mountain range in Wyoming.
U. S. For. Serv. Res. Pap. RM-14, 16 p.

JOHNSON, W. M.
1966.
Effects of stocking rates and utilization on herbage production and animal response on natural grasslands.
X. Int. Grassl. Congr. [Helsinki] Proc. 1966:944-947.

JOHNSON, W. M.
1966.
Vegetative apomixis in *Carex*.
J. Range Manage. 19:305-306.

JOHNSON, W. M.
1969.
Effect of photoperiod at low light intensities on growth of four sedges.
USDA For. Serv. Res. Note RM-134, 3 p.

JOHNSON, W. M.
1969.
Life expectancy of a sagebrush control in central Wyoming.
J. Range Manage. 22:177-182.

JOHNSON, W. M.
1969.
Pot tests indicate fertilizers can improve soils from Black Mesa in western Colorado.
USDA For. Serv. Res. Note RM-153, 4 p.

JOHNSON, W. M., J. O. BLANKENSHIP,* AND G. R. BROWN.
1965.
Explorations in the germination of sedges.
U. S. For. Serv. Res. Note RM-51, 8 p.

JOHNSON, W. M., AND W. A. LAYCOCK.*
1963.
Kind, number, and selection of livestock for grazing studies, and animal measurements most suited for evaluating results.
p. 137-142. In Range research methods: A symposium, Denver, Colo., May 1962. U. S. Dep. Agric. Misc. Publ. 940, 172 p.

JOHNSON, W. M., AND ELBERT H. REID.
1958.
Herbage utilization on pine-bunchgrass ranges of Colorado.
J. For. 56:647-651.

JOHNSON, W. M., AND ELBERT H. REID.
1964.
Range condition classification of bunchgrass range at the Manitou Experimental Forest in Colorado.
J. Range Manage. 17:137-141.

JOHNSON, W. M., AND DIXIE R. SMITH.
1966.
Pot tests of productivity and nutritive status of three alpine soils in Wyoming.
U. S. For. Serv. Res. Note RM-75, 7 p.

JONES, JOHN R. [TRANSLATOR].
1962.
A symposium on forest land and classification of site in the Fennoscandian countries. ['Skogsmark Och Bonitering I De Nordiska Landerna' by the Fennoscandian Forestry Union. Svenska Skogsvardsfor. Tidskr. 52(3):189-226.]
U. S. Dep. Agric., For. Serv. Transl., 42 p.

JONES, JOHN R. [TRANSLATOR].
1963.
Studies on the humidity of Sweden's climate. ['Studier Over Klimatets Humiditet I Sverige' by Olof F. S. Tamm. Kungliga Skogshogskolans Skrifter, 32.]
U. S. Dep. Agric., For. Serv. Transl., 42 p.

JONES, JOHN R.
1966.
A site index table for aspen in the southern and central Rocky Mountains.
U. S. For. Serv. Res. Note RM-68, 2 p.

JONES, JOHN R.
1967.
Aspen site index in the Rocky Mountains.
J. For. 65:820-821.

JONES, JOHN R.
1967.
A modification of the one-foot-square wire seed trap.
J. For. 65:490.

JONES, JOHN R.
1967.
Regeneration of mixed conifer clearcuttings on the Apache National Forest, Arizona.
U. S. For. Serv. Res. Note RM-79, 8 p.

JONES, JOHN R.
1969.
Review and comparison of site evaluation methods.
USDA For. Serv. Res. Pap. RM-51, 27 p.

JONES, JOHN R. [TRANSLATOR].
1969.
Swedish nature conservation and forestry. ['Naturvarden Och Skogsbruket' by Lars-Erik Esping.]
Trends Parks Recreation 6(3):5-12.

JONES, JOHN R.

1971.
An experiment in modeling Rocky Mountain forest ecosystems.
USDA For. Serv. Res. Pap. RM-75, 19 p.

JONES, JOHN R.

1971.
Mixed conifer seedling growth in eastern Arizona.
USDA For. Serv. Res. Pap. RM-77, 19 p.

JONES, JOHN R.

1972.
Moisture stresses in Arizona mixed conifer seedlings.
USDA For. Serv. Res. Pap. RM-86, 8 p.

JONES, JOHN R.

1973.
Central and southern Rocky Mountain types: Rocky Mountain aspen.
p. 49-51. *In* Silvicultural systems for the major forest types of the United States. U.S. Dep. Agric., Agric. Handb. 445, 124 p.

JONES, JOHN R.

1973.
Central and southern Rocky Mountain types: Southwestern mixed conifers.
p. 47-49. *In* Silvicultural systems for the major forest types of the United States. U.S. Dep. Agric., Agric. Handb. 445, 124 p.

JONES, JOHN R., AND DONALD C. MARKSTROM.

1973.
Aspen...an American wood.
U. S. Dep. Agric. FS-217, 8 p.

JOYE, N. MASON, JR.,* A. T. PROVEAUX,* RAY V. LAWRENCE,* AND ROLAND L. BARGER.

1969.
Naval stores products from ponderosa pine stumps.
Ind. Eng. Chem. Prod. Res. Dev. 8(3):297-299.

JUDD, B. IRA.

1962.
Principal forage plants of southwestern ranges.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 69, 93 p.

JUDD, B. IRA.*

1965.
Oak forage plants on Arizona ranges.
Ariz. Cattlelog 22(9):12-13.

JUDSON, ARTHUR.

1964.
Relative importance of weather factors creating slab avalanches in Colorado.
West. Snow Conf. [Nelson, B. C., Can., Apr. 1964] Proc. 32:60-67.

JUDSON, ARTHUR.

1965.
The weather and climate of a high mountain pass in the Colorado Rockies.
U. S. For. Serv. Res. Pap. RM-16, 28 p.

JUDSON, ARTHUR.

1967.
Snow cover and avalanches in the high alpine zone of western United States.
In Physics of snow and ice. Int. Conf. Low. Temp. Sci. [Sapporo, Jap., Aug. 1966] Proc., Vol. I, Part 2, p. 1151-1168.

JUDSON, A.

1970.
A pilot study of weather, snow, and avalanche reporting for western United States.
p. 123-134. *In* Ice engineering and avalanche forecasting and control. Nat. Res. Coun., Can. Tech. Memo. 98, 163 p.

JUDSON, ARTHUR.

1971.
An infrared de-icing unit for cup anemometers.
USDA For. Serv. Res. Note RM-187, 4 p.

JUDSON, ARTHUR, AND BERNARD J. ERICKSON.

1973.
Predicting avalanche intensity from weather data: A statistical analysis.
USDA For. Serv. Res. Pap. RM-112, 12 p.

K

KALLANDER, HARRY R., * HAROLD WEAVER, * AND EDWARD M. GAINES.

1955.

Additional information on prescribed burning in virgin ponderosa pine in Arizona.
J. For. 53:730-731.

KEITH, JAMES O.

1961.

An efficient and economical pocket gopher enclosure.
J. Range Manage. 14:332-334.

KEITH, JAMES O., RICHARD M. HANSEN, * AND A. LORIN WARD.*

1959.

Effect of 2,4-D on abundance and foods of pocket gophers.
J. Wildl. Manage. 23:137-145.

KELSO, M. M., * AND LAWRENCE MACK.*

1964.

The value of additional surface water to agriculture in the Salt River Project.
Ariz. Watershed Symp. [Tempe, Ariz., Sept. 1964]
Proc. 8:40-47.

KENNEDY, PATRICK C.

1968.

Insects and diseases of Siberian pea shrub (Caragana) in North Dakota, and their control.
U. S. For. Serv. Res. Note RM-104, 4 p.

KENNEDY, PATRICK C., AND LOUIS F. WILSON.*

1969.

Major insect pests in North Dakota shelterbelts: Abundance and distribution by climate and host age.
USDA For. Serv. Res. Pap. RM-47, 12 p.

KERBS, ROGER R.

1972.

Handy device for dispensing barbed wire.
J. Range Manage. 25:72-73.

KERBS, ROGER R., AND HAROLD E. MESSNER.

1968.

A hand seed divider and method for planting experimental plots.
J. Range Manage. 21:179-180.

KISSINGER, N. A., JR., AND RICHARD M. HURD.

1953.

Control big sagebrush with chemicals and grow more grass.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 11, 23 p.

KLIPPLE, G. E.

1953.

Weight gains made by range cattle while grazing summer ranges.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 12, 2 p.

KLIPPLE, GRAYDON E.

1964.

Early- and late-season grazing versus season-long grazing of short-grass vegetation on the central Great Plains.
U. S. For. Serv. Res. Pap. RM-11, 16 p.

KLIPPLE, G. E., AND DAVID F. COSTELLO.

1960.

Vegetation and cattle responses to different intensities of grazing on short-grass ranges on the central Great Plains.
U. S. Dep. Agric. Tech. Bull. 1216, 82 p.

KLIPPLE, G. E., AND JOHN L. RETZER.

1959.

Response of native vegetation of the central Great Plains to applications of corral manure and commercial fertilizer.
J. Range Manage. 12:239-243.

KNIGHT, F. B.

1958.

The effects of woodpeckers on populations of the Engelmann spruce beetle.
J. Econ. Entomol. 51:603-607.

KNIGHT, FRED B.

1958.

Methods of surveying infestation of the Black Hills beetle in ponderosa pine.
For. Sci. 4:35-41.

KNIGHT, F. B.

1959.

Measuring trend in Black Hills beetle populations.
J. Colo.-Wyo. Acad. Sci. 4(11):56-57. (Abstr.)

KNIGHT, FRED B.

1959.

Measuring trends of Black Hills beetle infestations.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 37, 6 p.

KNIGHT, FRED B.

1959.

Partial life tables for the Black Hills beetle.
J. Econ. Entomol. 52:1199-1202.

KNIGHT, F. B.

1960.

Measurement of Engelmann spruce beetle populations.
Ecology 41:249-252.

KNIGHT, FRED B.

1960.

Sequential sampling of Black Hills beetle populations.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 48, 8 p.

KNIGHT, FRED B.

1960.

Sequential sampling of Engelmann spruce beetle infestations in standing trees.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 47, 4 p.

KNIGHT, F. B.

1961.

The effects of woodpeckers on populations of the Engelmann spruce beetle.
p. 332-339. In G. P. Wellborn, L. B. Green, and K. A. Nall, Technical Writing. Houghton Mifflin Co., Boston. (Reprinted from J. Econ. Entomol. 51: 603-607.)

KNIGHT, FRED B.

1961.

Variations in the life history of the Engelmann spruce beetle.
Ann. Entomol. Soc. Am. 54:209-214.

KNIGHT, FRED B.

1969.

Egg production by the Engelmann spruce beetle, *Dendroctonus obesus*, in relation to status of infestation.
Ann. Entomol. Soc. Am. 62:448.

KNIGHT, F. B., W. F. McCAMBRIDGE, * AND B. H. WILFORD.

1956.

Estimating Engelmann spruce beetle infestations in the central Rocky Mountains.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 25, 12 p.

KNIGHT, F. B., AND B. H. WILFORD.

1954.

Forest insect conditions in the central Rocky Mountains and the Great Plains, 1953.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., For. Insect Dis. Lab., Fort Collins, Colo.

KNIGHT, F. B., AND F. M. YASINSKI.

1956.

Incidence of trees infested by the Black Hills beetle.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 21, 4 p.

KNIPE, O. D.

1967.

Influence of temperature on the germination of some range grasses.
J. Range Manage. 20:298-299.

KNIPE, O. D.

1968.

Effects of moisture stress on germination of alkali sacaton, galleta, and blue grama.
J. Range Manage. 21:3-4.

KNIPE, O. D.

1969.

Establishment and survival of several grasses in the sagebrush type, west-central New Mexico.
U. S. For. Serv. Res. Note RM-149, 2 p.

KNIPE, O. D.

1970.

Large seeds produce more, better alkali sacaton plants.
J. Range Manage. 23:369-371.

KNIPE, O. D.

1971.

Effect of different osmotica on germination of alkali sacaton (*Sporobolus airoides* Torr.) at various moisture stresses.
Bot. Gaz. 132:109-112.

KNIPE, O. D.

1971.

Imbibition by alkali sacaton seeds.
J. Range Manage. 24:71-73.

KNIPE, O. D.

1971.

Light delays germination of alkali sacaton.
J. Range Manage. 24:152-154.

KNIPE, O. D.

1973.

Western wheatgrass germination as related to temperature, light, and moisture stress.
J. Range Manage. 26:68-69.

KNIPE, O. D., AND H. W. SPRINGFIELD.

1972.

Germinable alkali sacaton seed content of soils in the Rio Puerco Basin, west central New Mexico.
Ecology 53:965-968.

KOPLIN, JAMES R.*

1969.

The numerical response of woodpeckers to insect prey in a subalpine forest in Colorado.
Condor 71:436-438.

KOPLIN, JAMES R., * AND PAUL H. BALDWIN.*

1970.

Woodpecker predation on an endemic population of Engelmann spruce beetles.
Am. Midl. Nat. 83:510-515.

KOSHI, PAUL T.

1966.

Soil-moisture measurement by the neutron method in rocky wildland soils.
Soil Sci. Soc. Am. Proc. 30:282-284.

KOTOK, E. S.
1953.
Ponderosa pine—a good pole wood.
U. S. Dep. Agric., For. Serv., Southwest. For. and Range Exp. Stn. Res. Note 123, 4 p.

KOTOK, E. S.
1955.
Estimated paper consumption in nine central Rocky Mountain and Plains states.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 18, 2 p.

KOTOK, E. S.
1955.
The production of charcoal from Arizona mesquite.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 15, 6 p.

KOTOK, E. S.
1956.
Lumber recovery at a ponderosa pine sawmill in the Black Hills.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 19, 9 p.

KOTOK, E. S., AND C. W. MYERS.*
1955.
An estimate of residues at a small sawmill in the Black Hills.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 17, 6 p.

KOTOK, E. S., AND C. A. NEWPORT.*
1959.
Lumber recovery at a ponderosa pine sawmill in the Black Hills.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 19, 14 p. (Rev.)

KOVNER, J. L.
1960.
Discussion of 'Hydrologic studies by electronic computers in TVA' by Willard M. Snyder.
Am. Soc. Civ. Eng. Proc. J. Hydraul. Div. 86(HY 8):67-68.

KOVNER, JACOB L.
1963.
Some statistical problems in design and conduct of grazing experiments.
p. 148-152. In Range research methods: A symposium, Denver, Colo., May 1962. U. S. Dep. Agric. Misc. Publ. 940, 172 p.

KRAUCH, HERMANN.
1956.
Management of Douglas-fir timberland in the Southwest.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 21, 59 p.

KRUSE, WILLIAM H.
1969.
Ammonium nitrate encourages decomposition of ponderosa pine needles under laboratory conditions.
USDA For. Serv. Res. Note RM-135, 2 p.

KRUSE, WILLIAM H.
1970.
Temperature and moisture stress affect germination of *Gutierrezia sarothrae*.
J. Range Manage. 23:143-144.

KRUSE, WILLIAM H.
1972.
Effects of wildfire on elk and deer use of a ponderosa pine forest.
USDA For. Serv. Res. Note RM-226, 4 p.

KUFELD, ROLAND C.,* O. C. WALLMO, AND CHARLES FEDDEMA.
1973.
Foods of the Rocky Mountain mule deer.
USDA For. Serv. Res. Pap. RM-111, 31 p.

KUNDAELI, JOHN N.,* AND HUDSON G. REYNOLDS.
1972.
Desert cottontail use of natural and modified pinyon-juniper woodland.
J. Range Manage. 25:116-118.

LANCASTER, JAMES W.

1969. National Fire Danger Rating System. West. For. Fire Comm. [Spokane, Wash., Dec. 1969] Annu. Meet. 1969:24-26. West. For. Conserv. Assoc., Portland, Oreg.

LANCASTER, JAMES W.

1970. Timelag useful in fire danger rating. Fire Control Notes 31(3):6-8, 10.

LANCASTER, JAMES W.

1972. Fire danger rating for loggers' use. West. For. Fire Comm. [Seattle, Wash., Dec. 1972] Annu. Meet. 1972:15-19. West. For. Conserv. Assoc., Portland, Oreg.

LANDGRAF, A. E.

1959. Forest insect conditions in the central Rocky Mountains—1958. U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 40, 19 p.

LANDGRAF, A. E., AND H. E. OSTMARK.

1958. Forest insect conditions in the central Rocky Mountains—1957. U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 34, 20 p.

LANDT, E. F.

1961. Forest industries of the Black Hills area—South Dakota and Wyoming. U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 60, 14 p.

LANDT, E. F.

1964. Knife action and storage loosen bark on ponderosa pine pulp chips. U. S. For. Serv. Res. Note RM-28, 4 p.

LANDT, E. F., AND R. O. WOODFIN, JR.

1959. Amount and grades of lumber from Black Hills ponderosa pine logs. U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 42, 24 p.

LANDT, E. F., AND R. O. WOODFIN, JR.

1959. Pulpwood characteristics of Black Hills ponderosa pine. Tech. Assoc. Pulp Pap. Ind. 42:809-812.

LANDT, EUGENE F., AND RICHARD O. WOODFIN, JR.

1962. Effect of resaws on performance of circular headrig sawmills. For. Prod. J. 12:172-176.

LANDT, E. F., AND R. O. WOODFIN, JR.

1964. Sawmill and logging residues from ponderosa pine trees in the Black Hills. U. S. For. Serv. Res. Note RM-23, 8 p.

LARSON, FREDERIC R., PETER F. FFOLLIOTT, AND WARREN P. CLARY.

1970. Distribution of dwarf mistletoe in ponderosa pine stands on the Beaver Creek watershed, Arizona. USDA For. Serv. Res. Note RM-175, 4 p.

LARSON, FREDERIC R., KARL E. MOESSNER,* AND PETER F. FFOLLIOTT.*

1971. A comparison of aerial photo and ground measurements of ponderosa pine stands. USDA For. Serv. Res. Note RM-192, 4 p.

LARSON, MERLYN M.

1959. Regenerating aspen by suckering in the Southwest. U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 39, 2 p.

LARSON, M. M.

1959. Some observations on initial root development in ponderosa pine seedlings. Northwest Sci. Assoc., For. Sect. Proc. 32:4-5.

LARSON, M. M.

1960. Frost heaving influences drought-hardiness of ponderosa pine seedlings. U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 45, 2 p.

LARSON, M. M.

1961. Seed size, germination dates, and survival relationships of ponderosa pine in the Southwest. U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 66, 4 p.

LARSON, M. M.

1962. Construction and use of glass-faced boxes to study root development of tree seedlings. U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 73, 4 p.

LARSON, M. M.

1963. Initial root development of ponderosa pine seedlings as related to germination date and size of seed. For. Sci. 9:456-460.

LARSON, M. M.

1966. Racial variation in ponderosa pine at Fort Valley, Arizona. U. S. For. Serv. Res. Note RM-73, 7 p.

LARSON, M. M.
1967.
Effect of temperature on initial development of ponderosa pine seedlings from three sources.
For. Sci. 13:286-294.

LARSON, M. M., AND GILBERT H. SCHUBERT.
1969.
Effect of osmotic water stress on germination and initial development of ponderosa pine seedlings.
For. Sci. 15:30-36.

LARSON, M. M., AND GILBERT H. SCHUBERT.
1969.
Root competition between ponderosa pine seedlings and grass.
USDA For. Serv. Res. Pap. RM-54, 12 p.

LARSON, M. M., AND GILBERT H. SCHUBERT.
1970.
Cone crops of ponderosa pine in central Arizona, including the influence of Abert squirrels.
USDA For. Serv. Res. Pap. RM-58, 15 p.

LASCANO, CARLOS E.,* BRENT THEURER,* H. A. PEARSON, AND W. H. HALE.*
1970.
Factors influencing fiber and lignin content of rumen fistula forage.
Am. Soc. Anim. Sci., West. Sect. [Logan, Utah, July 1970] Proc. 21:87-92.

LASCANO, CARLOS E.,* BRENT THEURER,* H. A. PEARSON, AND W. H. HALE.*
1970.
Factors influencing fiber and lignin content of rumen fistula forage.
J. Anim. Sci. 30:1040. (Abstr.)

LAVIN, FRED.
1953.
Guide for reseeding burned and logged-over ponderosa pine lands in the Southwest.
U. S. Dep. Agric., For. Serv., Southwest. For. and Range Exp. Stn. Res. Rep. 10, 11 p.

LAVIN, FRED.
1953.
Intermediate wheatgrass for reseeding southwestern ponderosa pine and upper woodland ranges in the Southwest.
U. S. Dep. Agric., For. Serv., Southwest. For. and Range Exp. Stn Res. Rep. 9, 11 p.

LAVIN, FRED,* DONALD A. JAMESON, AND F. B. GOMM.*
1968.
Juniper extract and deficient aeration effects on germination of six range species.
J. Range Manage. 21:262-263.

LAVIN, FRED,* AND CHARLES P. PASE.
1963.
A comparison of 16 grasses and forbs for seeding chaparral burns.
U. S. For. Serv. Res. Note RM-6, 4 p.

LAVIN, FRED, AND H. W. SPRINGFIELD.
1955.
Seeding in the southwestern pine zone for forage improvement and soil protection.
U. S. Dep. Agric., Agric. Handb. 89, 52 p.

LAWTON, ELVA,* AND F. J. HERMANN.
1973.
A new *Orthotrichum* from northern California.
Bryologist 76:437-439.

LEAF, CHARLES F.
1966.
Free water content of snowpack in subalpine areas.
West. Snow Conf. [Seattle, Wash., Apr. 1966] Proc. 34:17-24.

LEAF, CHARLES F.
1966.
Sediment yields from high mountain watersheds, central Colorado.
U. S. For. Serv. Res. Pap. RM-23, 15 p.

LEAF, CHARLES F.
1967.
Areal extent of snow cover in relation to streamflow in central Colorado.
Int. Hydrol. Symp. [Fort Collins, Colo., Sept. 1967] Proc. 1:157-164.

LEAF, CHARLES F.
1968.
Management of forested watersheds to improve water yield.
Natl. Assoc. Soil Water Conserv. Dist. [Dallas, Tex., Feb. 1968] Proc. 22:81-82.

LEAF, CHARLES F.
1969.
Aerial photographs for operational streamflow forecasting in the Colorado Rockies.
West. Snow Conf. [Salt Lake City, Utah, Apr. 1969] Proc. 37:19-28.

LEAF, CHARLES F.
1970.
Sediment yields from central Colorado snow zone.
Am. Soc. Civil Eng., J. Hydraul. Div. 96(HY 1):87-93. (Closure in 97(HY 2):350-351.)

LEAF, CHARLES F.
1971.
Areal snow cover and disposition of snowmelt runoff in central Colorado.
USDA For. Serv. Res. Pap. RM-66, 19 p.

LEAF, CHARLES F., AND GLEN E. BRINK.
1972.
Annual streamflow summaries from four subalpine watersheds in Colorado.
USDA For. Serv. Gen. Tech. Rep. RM-1, 24 p.

LEAF, CHARLES F., AND GLEN E. BRINK.
1972.
Simulating effects of harvest cutting on snowmelt in Colorado subalpine forest.
p. 191-196. In Watersheds in Transition Symp. [Fort Collins, Colo., June 1972] Proc. Ser. 14, 405 p. Am. Water Resour. Assoc., Urbana, Ill.

LEAF, CHARLES F., AND GLEN E. BRINK.
1972.
Simulating watershed management practices in Colorado subalpine forest.
ASCE Annu. Natl. Environ. Eng. Meet. [Houston, Tex., Oct. 1972] Prepr. 1840, 26 p.

LEAF, CHARLES F., AND GLEN E. BRINK.
1973.
Computer simulation of snowmelt within a Colorado subalpine watershed.
USDA For. Serv. Res. Pap. RM-99, 22 p.

LEAF, CHARLES F., AND GLEN E. BRINK.
1973.
Hydrologic simulation model of Colorado subalpine forest.
USDA For. Serv. Res. Pap. RM-107, 23 p.

LEAF, CHARLES F., AND ARDEN D. HAEFFNER.
1971.
A model for updating streamflow forecasts based on areal snow cover and a precipitation index.
West. Snow Conf. [Billings, Mont., Apr. 1971] Proc. 39:9-16.

LEAF, CHARLES F., AND JACOB KOVNER.
1970.
Sampling requirements for areal water equivalent estimates in subalpine watersheds.
Am. Geophys. Union Trans. 51:750. (Abstr.)

LEAF, CHARLES F., AND JACOB L. KOVNER.
1971.
Guidelines for sampling area-mean water equivalent in forested watersheds.
p. 159-167. In Hydrometeorological networks in Wyoming—their design and use. Hydrol. Seminar [Laramie, Wyo., May 1971] Proc., 167 p. Water Resour. Res. Inst. Rep., Wyo. Univ., Laramie.

LEAF, CHARLES F., AND JACOB L. KOVNER.
1972.
Sampling requirements for areal water equivalent estimates in forested subalpine watersheds.
Water Resour. Res. 8:713-716.

LEAPHART, CHARLES D., * AND LAKE S. GILL.
1955.
Lesions associated with pole blight of western white pine.
For. Sci. 1:232-239.

LEAPHART, CHARLES D., * AND LAKE S. GILL.
1959.
Effects of inoculations with *Leptographium* spp. on western white pine.
Phytopathology 49:350-353.

LEE, RICHARD.
1963.
The 'topographic sampler.'
J. For. 61:922-923.

LEE, RICHARD.
1964.
Potential insolation as a topoclimatic characteristic of drainage basins.
Int. Assoc. Sci. Hydrol. Bull. 9(1):27-41.

LEWIS, GORDON D.
1973.
Social influences on forest exploitation.
Seventh World For. Congr. [B. Aires, Argent., Oct. 1972] Proc. Prepr. 7CFM/C:III/1E, 7 p.

LEWIS, GORDON D.
1973.
The wood pole market: recent trends and outlook.
In The changing polescape.
Wood Pole Inst. [Fort Collins, Colo., July 1971] Proc. 5:10-19.

LIGHTLE, PAUL C.
1966.
Dwarf mistletoe reduces basal area growth of ponderosa pine in the Southwest.
Phytopathology 56:886-887.

LIGHTLE, PAUL C., AND STUART R. ANDREWS.
1968.
Red rot in residual ponderosa pine stands on the Navajo Indian Reservation.
U. S. For. Serv. Res. Pap. RM-37, 12 p.

LIGHTLE, PAUL C., STUART R. ANDREWS, AND WILLIAM E. MOUSER.*
1967.
Recleaning the dwarfmistletoe control area on the Mescalero Apache Reservation, New Mexico.
J. For. 65:816-817.

LIGHTLE, PAUL C., AND FRANK G. HAWKSWORTH.
1965.
New hosts for broom-causing fungi in the Southwest.
Plant Dis. Rep. 49:417-418.

LIGHTLE, PAUL C., AND FRANK G. HAWKSWORTH.
1973.
Control of dwarf mistletoe in a heavily used ponderosa pine recreation forest: Grand Canyon, Arizona.
USDA For. Serv. Res. Pap. RM-106, 22 p.

LIGHTLE, PAUL C., AND ESLIE H. LAMPI.*
1973.
Herbicides ineffective in controlling southwestern dwarf mistletoe.
USDA For. Serv. Res. Note RM-242, 3 p.

LIGHTLE, PAUL C., AND JOHN H. THOMPSON.*
1973.
Atropellis canker of pines.
U.S. Dep. Agr. For. Pest Leafl. 138, 6 p.

LIGHTLE, PAUL C., DELBERT WIENS, * AND FRANK G. HAWKSWORTH.
1964.
Low-temperature injury to *Phoradendron* in Arizona and New Mexico.
Southwest. Nat. 8:204-209.

LILLIE, D.T., * GEORGE E. GLENDENING, AND C. P.

PASE.

1964.

Sprout growth of shrub live oak as influenced by season of burning and chemical treatments.

J. Range Manage. 17:69-72.

LINDENMUTH, A. W., JR.

1960.

A survey of effects of intentional burning on fuels and timber stands of ponderosa pine in Arizona.

U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 54, 22 p.

LINDENMUTH, A. W., JR.

1961.

Development of the 2-index system of rating forest fire danger.

J. For. 59:504-509.

LINDENMUTH, A. W., JR.

1961.

How to use the 2-index system for rating forest fire danger.

U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 63, 36 p.

LINDENMUTH, A. W., JR.

1962.

Effects on fuels and trees of a large intentional burn in ponderosa pine.

J. For. 60:804-810.

LINDENMUTH, A. W., JR., AND JAMES R. DAVIS.

1962.

Chemical treatment helps burn brush safely in Arizona.

Timberman 43(7):9.

LINDENMUTH, A. W., JR., AND JAMES R. DAVIS.

1970.

Foliar moisture content of chaparral in Arizona: Accounting for its variation and relating it to prescribed fires (a progress report).

USDA For. Serv. Res. Note RM-158, 8 p.

LINDENMUTH, A. W., JR., AND JAMES R. DAVIS.

1973.

Predicting fire spread in Arizona's oak chaparral.

USDA For. Serv. Res. Pap. RM-101, 11 p.

LINDENMUTH, A. W., JR., AND L. S. GILL.

1959.

Nature's slash 'disposal-all.'

Timberman 60(9):42-43.

LINDENMUTH, A. W. JR., AND G. E. GLENDENING.

1962.

Controlled burning of Arizona chaparral—a 1962 progress report.

Ariz. Watershed Symp. [Sept. 1962] Proc. 6:23-24.

LLOYD, R. DUANE.

1968.

Multiple use and multiple responsibilities.

Colo. State Univ., Annu. Short Course Game Fish Manage. [Fort Collins, Colo., Feb. 1968] Proc. 4:104-112.

LLOYD, R. DUANE.

1969.

Economics of multiple-use.

Multiple-use Southern Forests Conf. [Pine Mountain, Ga., Nov. 1969] Proc. 1969:45-54.

LLOYD, R. DUANE.

1969.

Multiple responsibilities in the management of natural resources.

Colo. State Univ. Annu. Short Course Game Fish Manage. [Fort Collins, Colo., Feb. 1968] Proc. 5:18. (Abstr.)

LOTAN, JAMES E., * AND ROBERT R. ALEXANDER.

1973.

Northern Rocky Mountain types: Lodgepole pine. p. 42-44. In Silvicultural systems for the major forest types of the United States. U.S. Dep. Agric Agric. Handb. 445, 124 p.

LOVE, L. D.

1953.

Watershed management experiments in the Colorado Front Range.

J. Soil Water Conserv. 8:213-218.

LOVE, L. D.

1953.

Watershed management in the Colorado Rockies.

J. Soil Water Conserv. 8:107-111.

LOVE, L. D.

1955.

The effect on stream flow of the killing of spruce and pine by the Engelmann spruce beetle.

Am. Geophys. Union Trans. 36:113-118.

LOVE, L. D.

1956.

Report and recommendations, Arizona watershed program.

p. 177-182. In Recovering Rainfall, Part II, Arizona Watershed Program, 218 p. Univ. Ariz., Tucson.

LOVE, L. D.

1957.

Watershed research in the central Rocky Mountains.

Assoc. West. State Eng. [Seattle, Wash., Aug. 1957] Proc. 30:23-29.

LOVE, L. D.

1958.

High dams and upstream storage. Part 1B. Can watershed management alleviate the need for large storage projects.

Mont. State Univ. Second Annu. Water Resour. Conf. Proc. 1957:14-21.

LOVE, L. D.

1958.

The Manitou Experimental Forest—its work and aims.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 7, 21 p. (Rev.)

LOVE, L. D.

1959.

The Forest Service's interest in water resources.
Nat. Water Resour. Inst. [Lincoln, Nebr., Mar. 1959] Proc. 1959:95-98.

LOVE, L. D.

1959.

Rangeland watershed management.
Soc. Am. For. [Salt Lake City, Utah, Sept.-Oct. 1958] Proc. 1958:198-200.

LOVE, L. D.

1960.

The Fraser Experimental Forest—its work and aims.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 8, 16 p. (Rev.)

LOVE, L. D.

1960.

Management of alpine and subalpine mountainous areas for water yield.
N. M. Water Conf. [Albuquerque, N. M., Nov. 1960] Proc. 5:39-44.

LOVE, L. D.

1960.

Water yield from mountain areas.
p. 3-15. In Water yield in relation to environment in the southwestern United States. Amer. Assoc. Adv. Sci., Southwest. and Rocky Mt Div., Desert and Arid Zones Res. Comm. [Alpine, Tex., May 1960] Symp., 74 p.

LOVE, L. D.

1964.

Summer recreational use of selected National Forest campgrounds in the central Rocky Mountains.
U. S. For. Serv. Res. Pap. RM-5, 23 p.

LOVE, L. D., AND B. C. GOODELL.

1959.

Effects of forest logging on water yields.
p. 111-115. In Progress in watershed management. Third Annu. Meet. [Ariz. Watershed Program, Phoenix, Sept. 1959] Proc. 120 p. Ariz. State Land Dep., Ariz. Water Resour. Comm., Phoenix.

LOVE, L. D., AND B. C. GOODELL.

1960.

Watershed research on the Fraser Experimental Forest.
J. For. 58:272-275.

LUSBY, GREGG C., * VINCENT H. REID, * AND O. D. KNIPE.

1971.

Effects of grazing on the hydrology and biology of the Badger Wash basin in western Colorado, 1953-66. Hydrologic effects of land use.
U. S. Geol. Surv. Water-Supply Pap. 1532-D, 90 p.

LUSBY, GREGG C., * GEORGE T. TURNER, J. R. THOMPSON, AND VINCENT H. REID.*

1963.

Hydrologic and biotic characteristics of grazed and ungrazed watersheds of the Badger Wash Basin in western Colorado, 1953-58.
U. S. Geol. Surv. Water-Supply Pap. 1532-B, 73 p.

M

MACE, ARNETT C., JR.

1966. Accuracy of soil moisture readings with unsealed access tubes. U. S. For. Serv. Res. Note RM-61, 2 p.

MACE, ARNETT C., JR.

1968. Effects of soil freezing on water yields. USDA For. Serv. Res. Note RM-121, 4 p.

MACE, ARNETT C., JR.,* AND J. R. THOMPSON.

1969. Modifications and evaluations of the evapotranspiration tent. USDA For. Serv. Res. Pap. RM-50, 16 p.

MALECHEK, JOHN C.

1966. Cattle diets on native and seeded ranges in the ponderosa pine zone of Colorado. U. S. For. Serv. Res. Note RM-77, 12 p.

MARCUS, STEVEN R.

1973. Geology of the Montane Zone of central Colorado—with emphasis on Manitou Park. USDA For. Serv. Res. Pap. RM-113, 20 p.

MARKSTROM, DONALD C., AND ROBERT A. HANN.*

1972. Seasonal variation in wood permeability and stem moisture content of three Rocky Mountain softwoods. USDA For. Serv. Res. Note RM-212, 7 p.

MARKSTROM, DONALD C., LINCOLN A. MUELLER, AND LEE R. GJOVIK.*

1970. Treating resistant Rocky Mountain species by regular and modified double-diffusion methods. For. Prod. J. 12:17-20.

MARKSTROM, DONALD C., AND EDWIN H. OSHIER.*

1970. Bending strength of panelized decking from Black Hills ponderosa pine lumber. USDA For. Serv. Res. Pap. RM-62, 5 p.

MARKSTROM, DONALD C., AND VERN P. YERKES.

1972. Specific gravity variation with height in Black Hills ponderosa pine. USDA For. Serv. Res. Note RM-213, 4 p.

MARTIN, E. C.

1965. Growth and change in structure of an aspen stand after a harvest cutting. U. S. For. Serv. Res. Note RM-45, 2 p.

MARTIN, E. C.

1969. The relation of precipitation to flow from Little Leroux Spring on the San Francisco Peaks, Arizona. USDA For. Serv. Res. Note RM-129, 4 p.

MARTIN, S. CLARK.

1956. Cholla cacti. p. 5-8. In Ranch Day, Oct. 8, Jornada Exp. Range. N. M. Exp. Stn., N. M. Ext. Serv., Agric. Res. Serv., Rocky Mt. For. and Range Exp. Stn., For. Serv., U. S. Dep. Agric.

MARTIN, S. CLARK.

1957. Range readiness. Ariz. Cattlelog 13(4):46-49.

MARTIN, S. CLARK.

1957. Responses of native and introduced grasses following aerial spraying of mesquite. p. 7a-7c. In Range Day, Oct. 1, Santa Rita Exp. Range. Ariz. Coll. Agric., Ariz. Exp. Stn., Ariz. Ext. Serv., Univ. Ariz., and Agric. Res. Serv., Rocky Mt. For. and Range Exp. Stn., For. Serv., U. S. Dep. Agric.

MARTIN, S. CLARK.

1957. The Santa Rita Experimental Range. p. 2a-2c. In Range Day, Oct. 1, Santa Rita Exp. Range. Ariz. Coll. Agric., Ariz. Exp. Stn., Ariz. Ext. Serv., Univ. Ariz., and Agric. Res. Serv., Rocky Mt. For. and Range Exp. Stn., For. Serv., U. S. Dep. Agric.

MARTIN, S. CLARK.

1957. To control mesquite economically start early and keep at it. Ariz. Cattlelog 13(6):22-26.

MARTIN, S. C.

1959. To control mesquite economically start early and keep at it. p. 15-16. In Your range—its management. Ariz. Agric. Exp. Stn. and Ariz. Ext. Serv. Spec. Rep. 2, 35 p.

MARTIN, S. CLARK.

1963. Grow more grass by controlling mesquite. Prog. Agric. Ariz. 15(4):15-16.

MARTIN, S. CLARK.

1965. Some changes in brush since 1949. Ariz. Cattlelog 21(5):24, 26, 30.

MARTIN, S. CLARK.

1966.

The Santa Rita Experimental Range: A center for research on improvement and management of semidesert rangelands.

U. S. For. Serv. Res. Pap. RM-22, 24 p.

MARTIN, S. CLARK

1966.

Will you see any game today.

Prog. Agric. Ariz. 18(4):30-31.

MARTIN, S. CLARK

1968.

Improving semidesert ranges in southern Arizona, U.S.A. by grazing management and shrub control.

Ann. Arid Zone 7:235-242.

MARTIN, S. CLARK.

1970.

Longevity of velvet mesquite seed in the soil.

J. Range Manage. 23:69-70.

MARTIN, S. CLARK.

1970.

Relating vegetation measurements to forage consumption by animals.

p. 93-100. In Range and wildlife habitat evaluation—a research symposium. U. S. Dep. Agric. Misc. Publ. 1147, 220 p.

MARTIN, S. CLARK

1970.

Vegetation changes on semi-desert range during 10 years of summer, winter, and year-long grazing by cattle.

XI Int. Grassl. Congr. [Aust., 1970] Proc. 11:23-26.

MARTIN, S. CLARK.

1971.

Burroweed invasion—cause for concern, not panic.

Ariz. Cattlelog 27(5):15, 18-19, 22.

MARTIN, S. CLARK.

1972.

Semidesert ecosystems—who will use them. How will we manage them.

J. Range Manage. 25:317-319.

MARTIN, S. CLARK.

1972.

Semidesert ecosystems—who will use them. How will we manage them.

Soc. Range Manage. [Wash., D.C., Feb. 1972] Abstr. of Pap. 25:16.

MARTIN, S. CLARK.

1972.

Some effects of continuous grazing on forage production.

Ariz. Cattlelog 28(10):17-18, 23-25.

MARTIN, S. CLARK.

1973.

A grazing system for semidesert ranges based on responses of grasses to seasonal rest.

Soc. Range Manage. [Boise, Idaho, Feb. 1973] Abstr. of Pap. 26:21.

MARTIN, S. CLARK.

1973.

Responses of semidesert grasses to seasonal rest.

J. Range Manage. 26:165-168.

MARTIN, S. CLARK, KENNETH K. BARNES,* AND LEONARD L. BASHFORD.*

1966.

You can weigh a range cow before she knows it.

Prog. Agric. Ariz. 18(6):8-9.

MARTIN, S. CLARK, KENNETH K. BARNES,* AND LEONARD BASHFORD.*

1967.

A step toward automatic weighing of range cattle.

J. Range Manage. 20:91-94.

MARTIN, S. CLARK, AND DWIGHT R. CABLE.

1962.

Grass production high 14 years after mesquite control.

Ariz. Cattlelog 18(12):58-61.

MARTIN, S. CLARK, AND HUDSON G. REYNOLDS.

1973.

The Santa Rita Experimental Range: Your facility for research on semidesert ecosystems.

J. Ariz. Acad. Sci. 8:56-67.

MARTIN, S. CLARK, SAMUEL J. SHELLHORN,* AND HERBERT M. HULL.*

1970.

Emergence of fourwing saltbush after spraying shrubs with picloram.

Weed Sci. 18:389-392.

MARTIN, S. CLARK, AND FRED S. [H.] TSCHIRLEY.*

1962.

Mesquite seeds live a long time.

Prog. Agric. Ariz. 14(1):15.

MARTIN, S. CLARK, AND FRED H. TSCHIRLEY.*

1969.

Changes in cactus numbers after cabling.

Prog. Agric. Ariz. 21(1):16-17.

MARTIN, S. CLARK, AND DONALD E. WARD, JR.

1966.

Using aerial applications, two annual sprays control mesquite.

Prog. Agric. Ariz. 18(4):20-21.

MARTIN, S. CLARK, AND DONALD E. WARD.

1970.

Rotating access to water to improve semidesert cattle range near water.

J. Range Manage. 23:22-26.

MARTIN, S. CLARK, AND DONALD E. WARD.

1973.

Salt and meal-salt help distribute cattle use on semidesert range.

J. Range Manage. 26:94-97.

MARTINELLI, M., JR.
1959.
Alpine snowfields—their characteristics and management possibilities.
p. 120-127. In *Symposium of Hannoversch-Munden, vol. I, Water and Woodlands. Int. Assoc. Sci. Hydrol. Publ. 48*, 340 p.

MARTINELLI, M., JR.
1959.
Some hydrologic aspects of alpine snowfields under summer conditions.
J. Geophys. Res. 64:451-455.

MARTINELLI, M., JR.
1960.
Alpine snow research.
J. For. 58:278-281.

MARTINELLI, M., JR.
1960.
Creep and settlement in an alpine snowpack.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 43, 4 p.

MARTINELLI, M., JR.
1960.
A look at avalanche control structures in Europe.
West. Snow Conf. [Santa Fe, N. M., Apr. 1960]
Proc. 28:67-70.

MARTINELLI, M., JR.
1960.
Moisture exchange between the atmosphere and alpine snow surfaces under summer conditions (preliminary results).
J. Meteorol. 17:227-231.

MARTINELLI, M., JR.
1964.
Influence of gap width below a vertical slat snow fence on size and location of lee drift.
Int. Assoc. Sci. Hydrol. Bull. 9(4):48-57.

MARTINELLI, M., JR.
1964.
Watershed management in the Rocky Mountain alpine and subalpine zones.
U. S. For. Serv. Res. Note RM-36, 7 p.

MARTINELLI, M., JR.
1965.
Accumulation of snow in alpine areas of central Colorado and means of influencing it.
J. Glaciol. 5:625-636.

MARTINELLI, M., JR.
1965.
An estimate of summer runoff from alpine snowfields.
J. Soil Water Conserv. 20:24-26.

MARTINELLI, M., JR.
1966.
Avalanche technology and research—recent accomplishments and future prospects.
Weatherwise 19:232-239, 270-271.

MARTINELLI, M., JR.
1966.
New snow-measuring instruments.
p. 797-800. In W. E. Sopper and H. W. Lull [ed.] *Forest Hydrology. [Int. Symp. For. Hydrol., Univ. Park, Pa., Aug.-Sept. 1965]* 813 p. Pergamon Press, N. Y.

MARTINELLI, M.
1966.
Possibilities of snowpack management in alpine areas.
p. 225-231. In W. E. Sopper and H. W. Lull [ed.] *Forest Hydrology. [Int. Symp. For. Hydrol., Univ. Park, Pa., Aug.-Sept. 1965]* 813 p. Pergamon Press, N. Y.

MARTINELLI, M., JR.
1969.
Summary of alpine snow and avalanche research at Rocky Mountain Forest and Range Experiment Station, Fort Collins, Colorado.
Workshop Snow Ice Hydrol. [Fort Collins, Colo., Aug. 1969] *Proc.* 1969:121-123.

MARTINELLI, M., JR.
1971.
Physical properties of alpine snow as related to weather and avalanche conditions.
USDA For. Serv. Res. Pap. RM-64, 35 p.

MARTINELLI, M., JR.
1972.
Simulated sonic boom as an avalanche trigger.
USDA For. Serv. Res. Note RM-224, 7 p.

MARTINELLI, M., JR.
1972.
Take the plunge.
Ski Area Manage. 11(1):26-28.

MARTINELLI, M., JR.
1973.
Avalanche.
p. 115-117, In *Yearbook of Science and Technology, 1972*. 468 p. McGraw-Hill, N.Y.

MARTINELLI, M., JR.
1973.
Snow-fence experiments in alpine areas.
J. Glaciol. 12:291-303.

MARTINELLI, M., JR.
1973.
Snow fences for influencing snow accumulation.
p. 1394-1398. In *The role of snow and ice in hydrology. Symp. on Measurement and Forecasting (WMO) [Banff, Alberta, Can., Sept. 1972]* *Proc.* 2 vols.

MARTINELLI, M., JR., AND K. D. DAVIDSON.*
1966.
An example of damage from a powder avalanche.
Int. Assoc. Sci. Hydrol. Bull. 11(3):26-34.

MARTINELLI, M., JR., AND R. A. SCHMIDT, JR.

1969.

Measuring angles with a carpenter's folding ruler.
USDA For. Serv. Res. Note RM-152, 2 p.

MASSEY, C. L.

1956.

Nematode parasites and associates of the Engelmann spruce beetle (*Dendroctonus engelmannii* Hopk.).

Helminthol. Soc. Wash. Proc. 23:14-24.

MASSEY, CALVIN L.

1957.

Four new species of *Aphelenchulus* (nematoda) parasitic in bark beetles in the United States.
Helminthol. Soc. Wash. Proc. 24:29-34.

MASSEY, C. L.

1958.

Four new species of *Parasitylenchus* (nematoda) from scolytid beetles.
Helminthol. Soc. Wash. Proc. 25:26-30.

MASSEY, CALVIN L.

1960.

DDT—a preventive control for the southwestern pine beetle.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 40, 1 p.

MASSEY, CALVIN L.

1960.

Nematode parasites and associates of the California five-spined engraver, *Ips confusus* (Lec.).
Helminthol. Soc. Wash. Proc. 27:14-22.

MASSEY, CALVIN L.

1960.

A new species of nematoda, *Cylindrocorpus erectus*, associated with *Scolytus multistriatus* Marsh. in American elm.
Helminthol. Soc. Wash. Proc. 27:42-44.

MASSEY, CALVIN L.

1961.

Biology of the southwestern pine beetle, *Dendroctonus barbieri*.

Ann. Entomol. Soc. Am. 54:354-359.

MASSEY, CALVIN L.

1962.

Life history of *Aphelenchulus elongatus* Massey (nematoda), an endoparasite of *Ips confusus* LeConte, with a description of the male.
J. Insect Pathol. 4:95-103.

MASSEY, CALVIN L.

1962.

New species of *Diplogasteridae* (nematoda) associated with bark beetles in the United States.
Helminthol. Soc. Wash. Proc. 29:67-75.

MASSEY, CALVIN L.

1963.

Santafea new genus (Rhabditoidea, Chambersiellidae) and a change in the systematic position of *Macrolaimus* Maupas 1900.
Helminthol. Soc. Wash. Proc. 30:26-28.

MASSEY, CALVIN L.

1964.

The nematode parasites and associates of the fir engraver beetle, *Scolytus ventralis* LeConte, in New Mexico.

J. Insect Pathol. 6:133-155.

MASSEY, C. L.

1964.

Two new species of the Nematode genus *Ektaphelenchus* (nematoda: Aplelenchoidae [Aphelenchoididae]) parasites of bark beetles in the southwestern United States.

Helminthol. Soc. Wash. Proc. 31:37-40.

MASSEY, CALVIN L.

1966.

The genus *Acrostichus* Rahm 1928, synonym *Diplogasteritus* Paramonov 1952 (nematoda).
Helminthol. Soc. Wash. Proc. 33:8-13.

MASSEY, CALVIN L.

1966.

The genus *Mikoletzkya* (nematoda) in the United States.
Helminthol. Soc. Wash. Proc. 33:13-19.

MASSEY, CALVIN L.

1966.

The influence of nematode parasites and associates on bark beetles in the United States.
Bull. Entomol. Soc. Am. 12:384-386.

MASSEY, CALVIN L.

1966.

The nematode parasites and associates of *Dendroctonus adjunctus* (Coleoptera: Scolytidae) in New Mexico.
Ann. Entomol. Soc. Am. 59:424-440.

MASSEY, CALVIN L.

1967.

Nematodes associated with tree-infesting insects: Paurodontidae new family and Misticiinae new subfamily with a description of one new genus and four new species.
Can. J. Zool. 45:779-786.

MASSEY, CALVIN L.

1969.

Arizona five-spined Ips.
U. S. Dep. Agric. For. Pest Leaflet. 116, 4 p.

MASSEY, CALVIN L.

1969.

New species of tylenches associated with bark beetles in New Mexico and Colorado.
Helminthol. Soc. Wash. Proc. 36:43-52.

MASSEY, CALVIN L.

1971.

Arizona five-spined Ips.
U. S. Dep. Agric. For. Pest Leaflet. 116, 5 p. (Rev.)

MASSEY, CALVIN L.

1971.

Nematode associates of several species of *Pissodes* (Coleoptera: Curculionidae) in the United States.
Ann. Entomol. Soc. Am. 64:162-169.

MASSEY, CALVIN L.

1971.

Oniomeea maxbassiensis n. gen., n. sp. (Nematoda: Aphelenchoididae) from galleries of the bark beetle *Lepersinus californicus* Sw. (Coleoptera: Scolytidae) in North Dakota.

J. Nematol. 3:289-291.

MASSEY, C. L.

1971.

Two new genera of nematodes parasitic in the eastern subterranean termite, *Reticulitermes flavipes*.

J. Invertebr. Pathol. 17:238-242.

MASSEY, C. L.,* R. D. CHISHOLM,* AND N. D. WYGANT.*

1953.

Chemical control of the Engelmann spruce beetle in Colorado.

J. Econ. Entomol. 46:951-955.

MASSEY, C. L.* R. D. CHISHOLM,* AND N. D. WYGANT.*

1953.

Ethylene dibromide for control of Black Hills beetle.

J. Econ Entomol. 46:601-604.

MASSEY, CALVIN L., AND THOMAS E. HINDS.

1970.

Nematodes from aspen cankers in Colorado and New Mexico.

Can. J. Zool. 48:97-108.

MASSEY, C. L., AND R. RODRIGUEZ LARA.*

1967.

Arizona five-spined engraver.

p. 218-220. In Important Forest Insects and Diseases of Mutual Concern to Canada, the United States and Mexico. North Am. For. Comm., FAO., 248 p., Can. Dep. For. Rural Dev., Ottawa.

MASSEY, C. L., AND R. RODRIGUEZ LARA.*

1967.

Larger Mexican pine beetle.

p. 217. In Important Forest Insects and Diseases of Mutual Concern to Canada, the United States and Mexico. North Am. For. Comm., FAO., 248 p., Can. Dep. For. Rural Dev., Ottawa.

MASSEY, C. L., AND R. RODRIGUEZ LARA.*

1967.

Roundheaded pine beetle.

p. 210-212. In Important Forest Insects and Diseases of Mutual Concern to Canada, the United States and Mexico. North Am. For. Comm., FAO., 248 p., Can. Dep. For. Rural Dev., Ottawa.

MASSEY, CALVIN L., AND DONALD A. PIERCE.

1960.

Trirhabda nitidicollis, a pest of rabbitbrush in New Mexico.

J. Range Manage. 13:216-217.

MASSEY, C. L., AND N. D. WYGANT.

1954.

Biology and control of the Engelmann spruce beetle in Colorado.

U. S. Dep. Agric. Circ. 944, 35 p.

MASSEY, CALVIN L., AND NOEL D. WYGANT.

1973.

Woodpeckers: Most important predators of the spruce beetle.

Colo. Field Ornithol. No. 16, p. 4-8.

MATA, S. A., JR.

1972.

Accuracy of determining mountain pine beetle attacks in ponderosa pine utilizing pitch tubes, frass, and entrance holes.

USDA For. Serv. Res. Note RM-222, 2 p.

MAY, MORTON.

1958.

Bibliography on deer-range relationships.

Wyo. Range Manage. Issue 115, 5 p. Univ. Wyo., Laramie.

MAY, MORTON.

1959.

Winter elk range in the Sunlight Basin, Wyoming.

J. Colo.-Wyo. Acad. Sci. 4(11):36. (Abstr.)

MAY, MORTON.

1960.

Key to the major grasses of the Big Horn Mountains based on vegetative characters.

Wyo. Agric. Exp. Stn. Bull. 371, 44 p.

MAY, MORTON.

1960.

Production and forage preference on subalpine sheep ranges of the Bighorn National Forest, Wyoming.

U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 53, 8 p.

McCAMBRIDGE, WILLIAM F.

1962.

Sexing Black Hills beetles, *Dendroctonus ponderosae* Hopkins.

Ann. Entomol. Soc. Am. 55:723-724.

McCAMBRIDGE, W. F.

1964.

Emergence period of Black Hills beetles from ponderosa pine in the central Rocky Mountains.

U. S. For. Serv. Res. Note RM-32, 4 p.

McCAMBRIDGE, WILLIAM F.

1967.

Nature of induced attacks by the Black Hills beetle, *Dendroctonus ponderosae* (Coleoptera: Scolytidae).

Ann. Entomol. Soc. Am. 60:920-928.

McCABRIDGE, W. F.

1969. Attraction of Black Hills beetles to ponderosa pine in the central Rocky Mountains—some uses and limitations. Entomol. Soc. Am., North Cent. Branch [Denver, Colo., Mar. 1968] Proc. 23:137-140.

McCABRIDGE, WILLIAM F.

1969. Incidence of sperm in emerging female mountain pine beetles *Dendroctonus ponderosae* Hopkins (Coleoptera: Scolytidae). USDA For. Serv. Res. Note RM-137, 3 p.

McCABRIDGE, W. F.

1970. Spermatozoa in unemerged female mountain pine beetles, *Dendroctonus ponderosae* Hopkins. Entomol. Soc. Ont. [Guelph, Can., Aug. 1969] Proc. 100:168-170.

McCABRIDGE, W. F.

1971. Temperature limits of flight of the mountain pine beetle, *Dendroctonus ponderosae*. Ann. Entomol. Soc. Am. 64:534-535.

McCABRIDGE, W. F.

1972. Treatment height for mountain pine beetles in Front Range ponderosa pine. USDA For. Serv. Res. Note RM-218, 2 p.

McCABRIDGE, WILLIAM F., AND FRED B. KNIGHT.

1972. Factors affecting spruce beetles during a small outbreak. Ecology 53:830-839.

McCABRIDGE, W. F., AND S. A. MATA, JR.

1969. Flight muscle changes in Black Hills beetles, *Dendroctonus ponderosae* (Coleoptera: Scolytidae), during emergence and egg laying. Can. Entomol. 101:507-512.

McCABRIDGE, W. F., AND D. A. PIERCE.

1964. Observations on the life history of the pinyon needle scale *Matsucoccus acalyptus* (Homoptera, Coccoidea, Margarodidae). Ann. Entomol. Soc. Am. 57:197-200.

McCABRIDGE, WILLIAM F., AND GALEN C. TROSTLE.*

1970. The mountain pine beetle. U. S. Dep. Agric. For. Pest Leafl. 2, 6 p.

McCABRIDGE, WILLIAM F., AND GALEN C. TROSTLE.*

1972. The mountain pine beetle. U. S. Dep. Agric. For. Pest Leafl. 2, 6 p. (Rev.)

McCAMMON, BRUCE P., AND DAVID A. RAINY.

1973. Fire-danger index generation. Hewlett-Packard Keyboard 5(1):17-18.

MCCARTNEY, WILLIAM O., * ROBERT F. SCHARPF, * AND FRANK G. HAWKSWORTH.

1973. Additional hosts of *Viscum album*, European mistletoe, in California. Plant Dis. Rep. 57:904.

McCULLOCH, CLAY Y., * AND PHILIP J. URNESS.

1973. Deer nutrition in Arizona chaparral and desert habitats. Ariz. Game and Fish Dep. Spec. Rep. 3, 68 p.

McCULLOCH, C. Y., * O. C. WALLMO, AND P. F. FFOLLIOTT.

1965. Acorn yield of Gambel oak in northern Arizona. U. S. For. Serv. Res. Note RM-48, 2 p.

MC EWEN, LOWELL C.

1962. Leaf longevity and crude protein content for roughleaf ricegrass in the Black Hills. J. Range Manage. 15:106-107.

MC EWEN, LOWELL C., AND DONALD R. DIETZ.

1965. Shade effects on chemical composition of herbage in the Black Hills. J. Range Manage. 18:184-190.

MC EWEN, LOWELL C., AND RICHARD M. HURD.

1959. Deer exclosures. S. D. Conserv. Dig. 26(2):38-40.

MC KNIGHT, M. E.

1967. Distribution of hibernating larvae of the western budworm on Douglas-fir trees. Bull. Entomol. Soc. Am. 13:195. (Abstr.)

MC KNIGHT, M. E.

1968. A literature review of the spruce, western, and 2-year-cycle budworms. USDA For. Serv. Res. Pap. RM-44, 35 p.

MC KNIGHT, M. E.

1968. The 24-inch branch as a sample unit for egg mass surveys of the western budworm. USDA For. Serv. Res. Note RM-122, 2 p.

MC KNIGHT, M. E.

1969. Distribution of hibernating larvae of the western budworm, *Choristoneura occidentalis*, on Douglas-fir in Colorado. J. Econ. Entomol. 62:139-142.

McKNIGHT, M. E.
1969.
Estimating defoliation of Douglas-fir and white fir by the western budworm.
USDA For. Serv. Res. Note RM-144, 3 p.

McKNIGHT, M. E.
1969.
Estimating numbers of eggs in western budworm egg masses.
USDA For. Serv. Res. Note RM-146, 4 p.

McKNIGHT, M. E.
1971.
Biology and habits of *Bracon politiventris* (Hymenoptera: Braconidae).
Ann. Entomol. Soc. Am. 64:620-624.

McKNIGHT, M. E.
1971.
Natural mortality of the western spruce budworm, *Choristoneura occidentalis*, in Colorado.
USDA For. Serv. Res. Pap. RM-81, 12 p.

McKNIGHT, M. E.
1973.
Parasitoids reared from collections of *Rhyacionia bushnelli* from the Great Plains (Lepidoptera: Olethreutidae).
J. Kans. Entomol. Soc. 46:139-143.

McKNIGHT, M. E., AND D. G. AARHUS.*
1973.
Bark beetles, *Leperisinus californicus* and *L. criddlei* (Coleoptera: Scolytidae), attacking green ash in North Dakota.
Entomol. Soc. Am. Ann. 66:955-957.

McKNIGHT, M. E., AND D. G. AARHUS.*
1973.
Notes on weevils from trees and shrubs in North Dakota.
USDA For. Serv. Res. Note RM-230, 4 p.

McKNIGHT, M. E., JOHN F. CHANSLER, DONN B. CAHILL,* AND HAROLD W. FLAKE, JR.*
1970.
Sequential plan for western budworm egg mass surveys in the central and southern Rocky Mountains.
USDA For. Serv. Res. Note RM-174, 8 p.

McKNIGHT, M. E., AND A. D. TAGESTAD.
1972.
Megachile centuncularis nest in carpenterworm gallery.
J. Kans. Entomol. Soc. 45:51-53.

McKNIGHT, M. E., AND SCOTT TUNNOCK.*
1973.
The borer problem in green ash in North Dakota shelterbelts.
N. D. Farm Res. Bimon. Bull. 30(5):8-14.

McNABB, HAROLD S., JR., * J. W. EDGREN,* AND W. E. ESYLN.
1960.
Pathological and normal heartwood in hardwoods.
IX Int. Bot. Congr. [Montreal, Que., Can., Aug. 1959] Proc. 2:244-245. (Abstr.)

McSWAIN, GEORGE A., * ROBERT R. ALEXANDER, AND DONALD C. MARKSTROM.
1970.
Engelmann spruce.
U. S. Dep. Agric., Am. Woods—FS-264, 8 p. (Rev.)

MEGAHAN, W. F., * J. R. MEIMAN,* AND B. C. GOODELL.
1967.
Net, allwave radiation as an index of natural snowmelt and snowmelt accelerated with albedo reducing materials.
Int. Hydrol. Symp. [Fort Collins, Colo., Sept. 1967] Proc. 1:149-156.

MEGAHAN, W. F., * J. R. MEIMAN,* AND B. C. GOODELL.
1970.
The effect of albedo-reducing materials on net radiation at a snow surface.
Int. Assoc. Sci. Hydrol. Bull. 15(1):69-80.

MEIMAN, JAMES R., * AND JEROME S. HORTON.
1964.
Watershed management research from desert to alpine.
Soc. Am. For. [Denver, Colo., Sept.-Oct. 1964] Proc. 1964:93-96.

MESSNER, H. E.
1971.
Potting soil dispenser works well.
Tree Plant. Notes 22(4):14.

MESSNER, HAROLD E., DONALD R. DIETZ, AND E. CHESTER GARRETT.
1973.
A modification of the slanting deer fence.
J. Range Manage. 26:233-235.

MILLER, ROBERT L.
1959.
Lumber production in Colorado—1957.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. For. Surv. Release 1, 9 p.

MILLER, ROBERT L.
1964.
Lumber production in Arizona and New Mexico, 1960.
U. S. For. Serv. Res. Note RM-29, 8 p.

MILLER, ROBERT L.
1969.
Progress in developing multiple-use forest watershed production models.
Ann. Reg. Sci. 3:135-142.

MILLER, ROBERT L.

1971.

Clearing an alligator juniper watershed with saws and chemicals: A cost analysis.
USDA For. Serv. Res. Note RM-183, 8 p.

MILLER, ROBERT L., AND GROVER A. CHOATE.*

1964.

The forest resource of Colorado.
U. S. For. Serv. Resour. Bull. INT-3, 55 p.

MILLER, ROBERT L., AND THOMAS N. JOHNSEN, JR.*

1970.

Effects of tree and sawyer factors on costs of felling large alligator junipers.
USDA For. Serv. Res. Pap. RM-56, 8 p.

MILLER, ROBERT L., AND FREDERIC R. LARSON.

1973.

A cost analysis of clearing a ponderosa pine watershed.
USDA For. Serv. Res. Note RM-231, 7 p.

MILLER, ROBERT L., AND ALVIN K. WILSON.*

1959.

Lumber production in Wyoming—1957.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. For. Surv. Release 2, 9 p.

MILLER, ROBERT L., AND ALVIN K. WILSON.*

1960.

Saw log production in Colorado and Wyoming, 1957.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. For. Surv. Release 3, 6 p.

MINOR, CHARLES O.*

1960.

Estimating tree diameters of Arizona ponderosa pine from aerial photographs.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 46, 2 p.

MINOR, CHARLES O.*

1961.

Converting basal area to volume.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 70, 2 p.

MINOR, CHARLES O.*

1961.

Pulpwood volume tables for ponderosa pine in Arizona.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 69, 6 p.

MINOR, CHARLES O.*

1964.

Site-index curves for young-growth ponderosa pine in northern Arizona.
U. S. For. Serv. Res. Note RM-37, 8 p.

MITCHELL, J. C., AND J. M. SCHMID.

1973.

Spruce beetle: Mortality from solar heat in cull logs of Engelmann spruce.
J. Econ. Entomol. 66:401-403.

MORRIS, MEREDITH J.

1963.

Use of ranked sets for estimating range forage production.
Am. Soc. Range Manage. [Rapid City, S. D., Feb. 1963] Abstr. of Pap. 16:49.

MORRIS, MEREDITH J.

1963.

The use of rating or ranking in vegetation measurement.
p. 40-42. In Range research methods: A symposium, Denver, Colo., May 1962. U. S. Dep. Agric. Misc. Publ. 940, 172 p.

MORRIS, MEREDITH J.

1967.

An abstract bibliography of statistical methods in grassland research.
U. S. Dep. Agric. Misc. Publ. 1030, 222 p.

MORRIS, MEREDITH J.

1973.

Estimating understory plant cover with rated microplots.
USDA Forest Serv. Res. Pap. RM-104, 12 p.

MORRIS, MEREDITH J., AND JACOB L. KOVNER.

1970.

Forage quality and animal production: Some statistical problems.
p. 32-35. In Range and wildlife habitat evaluation—a research symposium. U. S. Dep. Agric. Misc. Publ. 1147, 220 p.

MORRIS, MEREDITH J., DONALD L. NEAL,* AND KENDALL L. JOHNSON.

1970.

Estimating shrub component production with an electronic capacitance instrument.
Am. Soc. Range Manage. [Denver, Colo., Feb. 1970] Abstr. of Pap. 23:9.

MORRIS, MEREDITH J., ROBERT S. RUMMELL,* AND RICHARD S. DRISCOLL.

1968.

Estimation of plant cover with rated microplots.
Am. Soc. Range Manage. [Albuquerque, N. M., Feb. 1968] Abstr. of Pap. 21:63-64.

MUELLER, LINCOLN A.

1956.

Skyline-crane logging system.
Eng. Bull. (Colo. Soc. Eng., Inc.) 40(6):10, 20.

MUELLER, L. A.

1958.

What can be done to improve utilization of the timber resources in the Southwest.
p. 25-28. In *Time for action in the woods*. Timberland Owners' Conf., Southwest. Reg. [Santa Fe, N. M., Sept. 1958] Proc., 44 p.

MUELLER, LINCOLN A.

1959.

Beetle-killed Engelmann spruce shows promise as a raw material for particle board.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 35, 6 p.

MUELLER, LINCOLN A.

1961.

Veneer and plywood possibilities from low-grade logs.
p. 34-39. In *New horizons for Black Hills and Wind River lumber*. Chic. North West. Railw. 1961 Sawmill Clinic [Rapid City, S. D., July 1961] Proc., Resour. Publ. 113, 58 p.

MUELLER, LINCOLN A., AND ROLAND L. BARGER.

1963.

Lumber grade recovery from Engelmann spruce in Colorado.
U. S. For. Serv. Res. Pap. RM-1, 23 p.

MUELLER, LINCOLN A., ROLAND L. BARGER, AND ARTHUR BOURKE.*

1970.

Roll laminating fiber overlays on low-grade ponderosa pine: A progress report.
For. Prod. J. 20:75-80.

MUELLER, LINCOLN A., ROLAND L. BARGER, ARTHUR BOURKE,* AND DONALD C. MARKSTROM.

1972.

Roll laminating fiber overlays on low-grade ponderosa pine lumber.
USDA For. Serv. Res. Pap. RM-97, 28 p.

MUELLER, L. A., AND E. S. KOTOK.

1953.

Possibility for wood-molasses production in Arizona.
U. S. Dep. Agric., For. Serv., Southwest. For. and Range Exp. Stn. Res. Rep. 12, 9 p.

MUELLER, L. A., AND E. S. KOTOK.

1953.

Possibility for wood-preservation industry in Arizona.
U. S. Dep. Agric., For. Serv., Southwest. For. and Range Exp. Stn. Res. Rep. 11, 8 p.

MUELLER, LINCOLN A., AND J. L. KOVNER.

1967.

Lumber production from selected Black Hills ponderosa pine.
U. S. For. Serv. Res. Pap. RM-31, 20 p.

MUELLER, LINCOLN A., DONALD C. MARKSTROM, AND ROLAND L. BARGER.

1971.

Moisture content of laminated timbers in use in the Rocky Mountain area.
USDA For. Serv. Res. Pap. RM-73, 8 p.

MUELLER, LINCOLN A., DONALD C. MARKSTROM, AND JOHN F. LUTZ.*

1968.

Preliminary evaluation of small-diameter Black Hills ponderosa pine for veneer and plywood.
USDA For. Serv. Res. Note RM-117, 11 p.

MYERS, CLIFFORD A.

1957.

Cubic-foot volume table for immature ponderosa pine in the Black Hills.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 25, 2 p.

MYERS, CLIFFORD A.

1958.

Thinning improves development of young stands of ponderosa pine in the Black Hills.
J. For. 56:656-659.

MYERS, CLIFFORD A.

1960.

Estimating oven-dry weight of pulpwood in standing ponderosa pines.
J. For. 58:889-891.

MYERS, CLIFFORD A.

1961.

Variation in measuring diameter at breast height of mature ponderosa pine.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 67, 3 p.

MYERS, CLIFFORD A.

1962.

Twenty-year growth of Utah juniper in Arizona.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 71, 2 p.

MYERS, CLIFFORD A.

1963.

Estimating past diameters of ponderosa pines in Arizona and New Mexico.
U. S. For. Serv. Res. Note RM-7, 4 p.

MYERS, CLIFFORD A.

1963.

Estimating volumes and diameters at breast height from stump diameters, southwestern ponderosa pine.
U. S. For. Serv. Res. Note RM-9, 2 p.

MYERS, CLIFFORD A.

1963.

Point-sampling factors for southwestern ponderosa pine.
U. S. For. Serv. Res. Pap. RM-3, 15 p.

MYERS, CLIFFORD A.
1963.
Taper table for pole-size ponderosa pines in Arizona and New Mexico.
U. S. For. Serv. Res. Note RM-8, 2 p.

MYERS, CLIFFORD A.
1963.
Vertical distribution of annual increment in thinned ponderosa pine.
For. Sci. 9:394-404.

MYERS, CLIFFORD A.
1963.
Volume, taper, and related tables for southwestern ponderosa pine.
U. S. For. Serv. Res. Pap. RM-2, 24 p.

MYERS, CLIFFORD A.
1964.
Merriam's classification of the ponderosa pine forest in relation to current knowledge.
Plateau 37:67-72.

MYERS, CLIFFORD A.
1964.
Taper tables, bark thickness, and diameter relationships for lodgepole pines in Colorado and Wyoming.
U. S. For. Serv. Res. Note RM-31, 6 p.

MYERS, CLIFFORD A.
1964.
Volume tables and point-sampling factors for lodgepole pine in Colorado and Wyoming.
U. S. For. Serv. Res. Pap. RM-6, 16 p.

MYERS, CLIFFORD A.
1964.
Volume tables and point-sampling factors for ponderosa pine in the Black Hills.
U. S. For. Serv. Res. Pap. RM-8, 16 p.

MYERS, CLIFFORD A.
1966.
Height-diameter curves for tree species subject to stagnation.
U. S. For. Serv. Res. Note RM-69, 2 p.

MYERS, CLIFFORD A., JR.
1966.
Stocking control in the ponderosa pine region.
West. Refor. Coord. Comm. [Portland, Oreg., Dec. 1966] Proc. 1966:40-42. West. For. Conserv. Assoc., Portland, Oreg.

MYERS, CLIFFORD A.
1966.
Yield tables for managed stands with special reference to the Black Hills.
U. S. For. Serv. Res. Pap. RM-21, 20 p.

MYERS, CLIFFORD A.
1967.
Growing stock levels in even-aged ponderosa pine.
U. S. For. Serv. Res. Pap. RM-33, 8 p.

MYERS, CLIFFORD A.
1967.
Yield tables for managed stands of lodgepole pine in Colorado and Wyoming.
U. S. For. Serv. Res. Pap. RM-26, 20 p.

MYERS, CLIFFORD A.
1968.
Simulating the management of even-aged timber stands.
USDA For. Serv. Res. Pap. RM-42, 32 p.

MYERS, CLIFFORD A.
1969.
Board-foot volumes to a 6-inch top for lodgepole pines in Colorado and Wyoming.
USDA For. Serv. Res. Note RM-157, 3 p.

MYERS, CLIFFORD A.
1969.
Simulating the management of even-aged timber stands.
USDA For. Serv. Res. Pap. RM-42, 32 p. (Rev.)

MYERS, CLIFFORD A.
1970.
Computer-assisted timber inventory analysis and management planning.
USDA For. Serv. Res. Pap. RM-63, 53 p.

MYERS, CLIFFORD A.
1971.
Field and computer procedures for managed-stand yield tables.
USDA For. Serv. Res. Pap. RM-79, 24 p.

MYERS, CLIFFORD A.
1972.
Volume, taper, and related tables for southwestern ponderosa pine.
U. S. For. Serv. Res. Pap. RM-2, 24 p. (Rev.)

MYERS, CLIFFORD A.
1973.
Simulating changes in even-aged timber stands.
USDA For. Serv. Res. Pap. RM-109, 47 p.

MYERS, CLIFFORD A., AND ROBERT R. ALEXANDER.
1972.
Bark thickness and past diameters of Engelmann spruce in Colorado and Wyoming.
USDA For. Serv. Res. Note RM-217, 2 p.

MYERS, CLIFFORD A., AND PAT O. CURRIE.
1970.
Simulation techniques in forest-range management.
Am. Soc. Range Manage. [Denver, Colo., Feb. 1970] Abstr. of Pap. 23:49.

MYERS, CLIFFORD A., AND PAT O. CURRIE.
1970.
Simulation techniques in forest-range management.
In Modeling and systems analysis in range science. Colo. State Univ., Range Sci. Dep. Ser. 5:17-22.

MYERS, CLIFFORD A., AND CARLETON B. EDMINSTER.

1972.

Volume tables and point-sampling factors for Engelmann spruce in Colorado and Wyoming.
USDA For. Serv. Res. Pap. RM-95, 23 p.

MYERS, CLIFFORD A., AND GARY L. GODSEY.

1968.

Rapid computation of yield tables for managed, even-aged timber stands.
USDA For. Serv. Res. Pap. RM-43, 16 p.

MYERS, CLIFFORD A., FRANK G. HAWKSWORTH, AND PAUL C. LIGHTLE.

1972.

Simulating yields of southwestern ponderosa pine stands, including effects of dwarf mistletoe.
USDA For. Serv. Res. Pap. RM-87, 16 p.

MYERS, CLIFFORD A., FRANK G. HAWKSWORTH, AND JAMES L. STEWART.*

1971.

Simulating yields of managed, dwarf mistletoe-infested lodgepole pine stands.
USDA For. Serv. Res. Pap. RM-72, 15 p.

MYERS, CLIFFORD A. AND EDWARD C. MARTIN.

1963.

Fifty years' progress in converting virgin southwestern ponderosa pine to managed stands.
J. For. 61:583-586.

MYERS, CLIFFORD A. AND EDWARD C. MARTIN.

1963.

Mortality of southwestern ponderosa pine sawtimber after second partial harvest.
J. For. 61:128-130.

MYERS, CLIFFORD A., AND JAMES L. VAN DEUSEN.

1958.

Estimating past diameters of ponderosa pines in the Black Hills.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 32, 2 p.

MYERS, CLIFFORD A., AND JAMES L. VAN DEUSEN.

1960.

Merchantable cubic-foot volume table for immature Black Hills ponderosa pine.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 44, 2 p.

MYERS, CLIFFORD A., AND JAMES L. VAN DEUSEN.

1960.

Natural thinning of ponderosa pine in the Black Hills.
J. For. 58:962-964.

MYERS, CLIFFORD A., AND JAMES L. VAN DEUSEN.

1960.

Site index of ponderosa pine in the Black Hills from soil and topography.
J. For. 58:548-551, 554-555.

MYERS, CLIFFORD A., AND JAMES L. VAN DEUSEN.

1961.

Growth of immature stands of ponderosa pine in the Black Hills.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 61, 14 p.

MYERS, CLIFFORD A., AND JAMES L. VAN DEUSEN.

1962.

A quick method of predicting growth of even-aged immature stands.
J. For. 60:824-825.

N

NAGEL, R. H.
1956.
Chemical control of the fir engraver.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 23, 3 p.

NAGEL, R. H.
1964.
Preventing metal corrosion from emulsifiable ethylene dibromide packaged for bark beetle control.
U. S. For. Serv. Res. Note RM-26, 2 p.

NAGEL, R. H., DAVID McCOMB, * AND F. B. KNIGHT.
1957.
Trap tree method for controlling the Engelmann spruce beetle in Colorado.
J. For. 55:894-898.

NARDI, A. P.*
1964.
Colorado's forest area and timber volume.
U. S. For. Serv. Res. Note INT-10, 4 p.

NATIONAL RESEARCH COUNCIL.
1962.
Basic problems and techniques in range research.
Nat. Acad. Sci., Nat. Res. Counc. Publ. 890, 341 p.

NEAL, D. L., * AND J. L. NEAL.*
1973.
Uses and capabilities of electronic capacitance instruments for estimating standing herbage. Part 1. History and development.
J. Brit. Grassl. Soc. 28:81-89.

NEFF, D. J., * O. C. WALLMO, AND D. C. MORRISON.*
1965.
A determination of defecation rate for elk.
J. Wildl. Manage. 29:406-407.

NEW MEXICO AGRICULTURAL EXPERIMENT STATION AND U. S. FOREST SERVICE.
1955.
Want to buy grass.
N. M. Agric. Exp. Stn. Press Bull. 1136, 2 p.

NOBLE, DANIEL L.
1972.
Effects of soil type and watering on germination, survival, and growth of Engelmann spruce: A greenhouse study.
USDA For. Serv. Res. Note RM-216, 4 p.

NOBLE, DANIEL L.
1973.
Age of Engelmann spruce seedlings affects ability to withstand low temperature: A greenhouse study.
USDA For. Serv. Res. Note RM-232, 4 p.

NOBLE, DANIEL L.
1973.
Engelmann spruce seedling roots reach depth of 3 to 4 inches their first season.
USDA For. Serv. Res. Note RM-241, 3 p.

NOBLE, DANIEL L., AND WAYNE D. SHEPPERD.
1973.
Grey-headed [Gray-headed] juncos important in first season mortality of Engelmann spruce.
J. For. 71:763-765.

O'CONNELL, PAUL F.

1970. Economic modeling in natural resource planning. Ariz. Watershed Symp. [Phoenix, Ariz., Sept. 1970] Proc. 14:31-38.

O'CONNELL, PAUL F.

1972. Economics of chaparral management in the Southwest. p. 260-266. In Watersheds in Transition Symp. [Fort Collins, Colo., June 1972] Proc. Ser. 14, 405 p. Am. Water Resour. Assoc., Urbana, Ill.

O'CONNELL, PAUL F.

1972. Valuation of timber, forage and water from National Forest lands. Ann. Reg. Sci. 6(2):1-14.

O'CONNELL, PAUL F., AND HARRY E. BROWN.

1970. The use of production functions in multiple-use evaluation of land treatments on the Beaver Creek pilot watersheds. Am. Geophys. Union Trans. 51:753. (Abstr.)

O'CONNELL, PAUL F., AND HARRY E. BROWN.

1972. Use of production functions to evaluate multiple use treatments on forested watersheds. Water Resour. Res. 8:1188-1198.

ORR, HOWARD K.

1959. Precipitation and streamflow in the Black Hills. U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 44, 25 p.

ORR, HOWARD K.

1960. Soil porosity and bulk density on grazed and protected Kentucky bluegrass range in the Black Hills. J. Range Manage. 13:80-86.

ORR, HOWARD K.

1968. Soil-moisture trends after thinning and clearcutting in a second-growth ponderosa pine stand in the Black Hills. U. S. For. Serv. Res. Note RM-99, 8 p.

ORR, HOWARD K.

1970. Runoff and erosion control by seeded and native vegetation on a forest burn: Black Hills, South Dakota. USDA For. Serv. Res. Pap. RM-60, 12 p.

ORR, HOWARD K.

1972. Throughfall and stemflow relationships in second-growth ponderosa pine in the Black Hills. USDA For. Serv. Res. Note RM-210, 7 p.

ORR, HOWARD K.

1973. The Black Hills (South Dakota) flood of June 1972: Impacts and implications. USDA For. Serv. Gen. Tech. Rep. RM-2, 12 p.

ORR, HOWARD K., AND TONY VANDER HEIDE. *

1973. Water yield characteristics of three small watersheds in the Black Hills of South Dakota. USDA For. Serv. Res. Pap. RM-100, 8 p.

OSTMARK, H. EUGENE.

1957. Forest insect conditions in the central Rocky Mountains, 1956. U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 27, 14 p.

OSTMARK, H. EUGENE.

1969. Chemical control of the Arizona five-spined Ips, *Ips lecontei* Sw. (Coleoptera: Scolytidae). USDA For. Serv. Res. Note RM-154, 4 p.

OSTMARK, H. EUGENE, AND CALVIN L. MASSEY.

1960. Protect your pines from bark beetles. U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 52, 19 p.

OSTMARK, H. E., AND B. H. WILFORD.

1956. Forest insect conditions in the central Rocky Mountains, 1955. U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 22, 13 p.

PARKER, H. DENNISON, JR.

1971.

Infrared 'eyes' for game management.
Colo. Outdoors 20(6):35-38.

PARKER, H. DENNISON, JR.

1971.

A portable light table for field interpretation of aerial photographs.
USDA For. Serv. Res. Note RM-204, 4 p.

PARKER, H. DENNISON, JR.

1972.

Environmental factors affecting detection of wild deer with an airborne thermal infrared scanner.
Soc. Range Manage. [Wash., D.C., Feb. 1972] Abstr. of Pap. 25:33.

PARKER, H. DENNISON, JR., AND RICHARD S. DRISCOLL.

1972.

An experiment in deer detection by thermal scanning.
J. Range Manage. 25:480-481.

PARKER, H. DENNISON, JR., AND JAMES C. HARLAN.*

1972.

Solar radiation affects radiant temperatures of a deer surface.
USDA For. Serv. Res. Note RM-215, 4 p.

PASE, CHARLES P.

1958.

Herbage production and composition under immature ponderosa pine stands in the Black Hills.
J. Range Manage. 11:238-243.

PASE, CHARLES P.

1962.

The Sierra Ancha Experimental Forest.
Am. Soc. Range Manage., Ariz. Sect. Proc. 1962:43-45.

PASE, CHARLES P.

1965.

Shrub seedling regeneration after controlled burning and herbicidal treatment of dense Pringle manzanita chaparral.
U. S. For. Serv. Res. Note RM-56, 2 p.

PASE, C. P.

1966.

Grazing and watershed value of native Arizona plants.
p. 31-40. In Native plants and animals as resources in arid lands of the southwestern United States. Am. Assoc. Adv. Sci., Rocky Mt. Southwest. Div. [Comm. Desert Arid Zones Res., Flagstaff, Ariz., May 1965] Contrib. 8:31-40.

PASE, C. P.

1967.

Helicopter-applied herbicides control shrub live oak and birchleaf mountainmahogany.
U. S. For. Serv. Res. Note RM-84, 4 p.

PASE, C. P.

1969.

Survival of *Quercus turbinella* and *Q. emoryi* seedlings in an Arizona chaparral community.
Southwest. Nat. 14:149-155.

PASE, CHARLES P.

1970.

Chaparral modification improves range forage and water yield in Arizona.
Am. Soc. Range Manage. [Denver, Colo., Feb. 1970] Abstr. of Pap. 23:16.

PASE, CHARLES P.

1971.

Effect of a February burn on Lehmann lovegrass.
J. Range Manage. 24:454-456.

PASE, CHARLES P.

1972.

Litter production from oak-mountainmahogany chaparral in central Arizona.
USDA For. Serv. Res. Note RM-214, 7 p.

PASE, C. P., AND MARTIN M. FOGL.*

1967.

Increasing water yield from forest, chaparral, and desert shrub in Arizona.
Int. Conf. Water for Peace [Wash., D.C., May 1967] Proc. v. 2, p. 753-764.

PASE, C. P., AND GEORGE E. GLENDENING.

1965.

Reduction of litter and shrub crowns by planned fall burning of oak-mountainmahogany chaparral.
U. S. For. Serv. Res. Note RM-49, 2 p.

PASE, C. P., G. E. GLENDENING, AND D. T. LILLIE.*

1962.

Aerial spraying of shrub live oak-dominated chaparral watersheds in Arizona.
West. Weed Control Conf., Res. Prog. Rep. 1962:13-14.

PASE, CHARLES P., AND RICHARD M. HURD.

1958.

Understory vegetation as related to basal area, crown cover and litter produced by immature ponderosa pine stands in the Black Hills.
Soc. Am. For. [Syracuse, N. Y., Nov. 1957] Proc. 1957:156-158.

PASE, C. P., AND P. A. INGEBO.

1965.

Burned chaparral to grass: Early effects on water and sediment yields from two granitic soil watersheds in Arizona.

Ariz. Watershed Symp. [Tempe, Ariz., Sept. 1965] Proc. 9:8-11.

PASE, C. P., P. A. INGEBO, E. A. DAVIS, AND C. Y. McCULLOCH.*

1967.

Improving water yield and game habitat by chemical control of chaparral.

XIV Int. Union For. Res. Organ. Congr. [Munich, Sept. 1967] Proc. v. I., Sect. 01-02-11, p. 463-486.

PASE, CHARLES P., AND R. ROY JOHNSON.*

1968.

Flora and vegetation of the Sierra Ancha Experimental Forest, Arizona.

USDA For. Serv. Pap. RM-41, 19 p.

PASE, CHARLES P., AND A. W. LINDENMUTH, JR.

1971.

Effects of prescribed fire on vegetation and sediment in oak-mountain mahogany chaparral.

J. For. 69:800-805.

PASE, CHARLES P., AND FLOYD W. POND.

1964.

Vegetation changes following the Mingus Mountain burn.

U. S. For. Serv. Res. Note RM-18, 8 p.

PASE, CHARLES E. [P.], AND JOHN F. THILENIUS.

1968.

Composition, production, and site factors of some grasslands in the Black Hills of South Dakota.

U. S. For. Serv. Res. Note RM-103, 8 p.

PATTON, DAVID R.

1968.

Some range-wildlife relationships in Zambia.

Am. Soc. Range. Manage. [Albuquerque, N. M., Feb. 1968] Abstr. of Pap. 21:17-18.

PATTON, DAVID R.

1969.

Deer and elk use of a ponderosa pine forest in Arizona before and after timber harvest.

USDA For. Serv. Res. Note RM-139, 7 p.

PATTON, DAVID R.

1973.

A literature review of timber-harvesting effects on stream temperatures: Research needs for the Southwest.

USDA For. Serv. Res. Note RM-249, 4 p.

PATTON, DAVID R., AND HERMAN D. AVANT.*

1970.

Fire stimulated aspen sprouting in a spruce-fir forest in New Mexico.

USDA For. Serv. Res. Note RM-159, 3 p.

PATTON, DAVID R., DAVID W. BEATY,* AND RONALD H. SMITH.*

1973.

Solar panels: An energy source for radio transmitters on wildlife.

J. Wildl. Manage. 37:236-238.

PATTON, DAVID R., AND WILSON B. CASNER.

1970.

Port-a-punch recording and computer summarization of pellet count data.

USDA For. Serv. Res. Note RM-170, 7 p.

PATTON, DAVID R., ROBERT T. DICKIE,* ERWIN L. BOEKER,* AND VIRGIL E. SCOTT.*

1968.

A transmitter for tracking wildlife.

U. S. For. Serv. Res. Note RM-114, 2 p.

PATTON, DAVID R., ROBERT T. DICKIE,* ERWIN L. BOEKER,* AND VIRGIL E. SCOTT.*

1970.

A transmitter for tracking wildlife.

USDA For. Serv. Res. Note RM-114, 4 p. (Rev.)

PATTON, DAVID R., AND WIN GREEN.

1970.

Abert's squirrels prefer mature ponderosa pine.

USDA For. Serv. Res. Note RM-169, 3 p.

PATTON, DAVID R., AND JOHN M. HALL.*

1966.

Evaluating key areas by browse age and form class.

J. Wildl. Manage. 30:476-480.

PATTON, DAVID R., AND B. IRA JUDD.*

1970.

The role of wet meadows as wildlife habitat in the Southwest.

J. Range Manage. 23:272-275.

PATTON, DAVID R., VIRGIL E. SCOTT,* AND ERWIN L. BOEKER.*

1972.

Construction of an 8-mm time-lapse camera for biological research.

USDA For. Serv. Res. Pap. RM-88, 8 p.

PAULSEN, HAROLD A., JR.

1953.

A comparison of surface soil properties under mesquite and perennial grass.

Ecology 34:727-732.

PAULSEN, HAROLD A., JR.

1953.

The use of molasses on tobosa grass.

4p. In Ranch Day, Oct. 12, Jornada Exp. Range. N. M. Exp. Stn., N. M. Ext. Serv., and Southwest. For. and Range Exp. Stn.

PAULSEN, H. A., JR.

1954.

Recovery from past droughts on the Jornada Experimental Range.
p. 10-14. *In* Ranch Day, Oct. 10, Jornada Exp. Range. N. M. Exp. Stn., N. M. Ext. Serv., Agric., Res. Serv., Rocky Mt. For. and Range Exp. Stn., For. Serv., U. S. Dep. Agric.

PAULSEN, H. A., JR.

1955.

Changes in grazing capacity on the Jornada Experimental Range.
p. 4-6. *In* Ranch Day, Oct. 10, Jornada Exp. Range. N. M. Exp. Stn., N. M. Ext. Serv. and Agric. Res. Serv., Rocky Mt. For. and Range Exp. Stn., For. Serv., U. S. Dep. Agric.

PAULSEN, HAROLD A., JR.

1956.

The effect of climate and grazing on black grama.
p. 17-25. *In* Ranch Day, Oct. 8, Jornada Exp. Range. N. M. Exp. Stn., N. M. Ext. Serv., Agric. Res. Serv., Rocky Mt. For. and Range Exp. Stn., For. Serv., U. S. Dep. Agric.

PAULSEN, HAROLD A., JR.

1957.

Some effects from controlled burning on a grass-shrub range.
p. 4a-4e. *In* Range Day, Oct. 1, Santa Rita Exp. Range. Ariz. Coll. Agric., Ariz. Exp. Stn., Ariz. Ext. Serv., Univ. Ariz., and Agric. Res. Serv., Rocky Mt. For. and Range Exp. Stn., For. Serv., U. S. Dep. Agric.

PAULSEN, HAROLD A., JR.

1960.

Plant cover and forage use of alpine sheep ranges in the central Rocky Mountains.
Iowa State J. Sci. 34:731-748.

PAULSEN, HAROLD A., JR.

1966.

Plant competition—some concepts and methods for range vegetation.
Am. Soc. Range Manage. [New Orleans, La., Feb. 1966] Abstr. of Pap. 19:18-19.

PAULSEN, HAROLD A., JR.

1969.

Forage values on a mountain grassland-aspen range in western Colorado.
J. Range. Manage. 22:102-107.

PAULSEN, HAROLD A., JR.

1970.

Competition and successional patterns on Thurber fescue grasslands of western U.S.A.
XI Int. Grassl. Congr. [Aust., 1970] Proc. 11:662-665.

PAULSEN, HAROLD A., JR., AND FRED N. ARES.*

1960.

Long term trends in cattle and forage on an arid southwestern range.
Am. Soc. Range Manage. [Portland, Ore., Feb. 1960] Abstr. of Pap. 13:45-46.

PAULSEN, HAROLD A. JR., AND FRED N. ARES.*

1961.

Trends in carrying capacity and vegetation on an arid southwestern range.
J. Range Manage. 14:78-83.

PAULSEN, HAROLD A., JR., AND FRED N. ARES.*

1962.

Grazing values and management of black grama and tobosa grasslands and associated shrub ranges of the Southwest.
U. S. Dep. Agric. Tech. Bull. 1270, 56 p.

PAULSEN, HAROLD A., JR., AND JOHN C. MILLER.*

1968.

Control of Parry rabbitbrush on mountain grasslands of western Colorado.
J. Range Manage. 21:175-177.

PEARSON, HENRY A.

1964.

Beef—trees—or both.
Ariz. Cattlelog 20(7):8-10.

PEARSON, HENRY A.

1964.

Studies of forage digestibility under ponderosa pine stands.
Soc. Am. For. [Denver, Colo., Sept.-Oct. 1964] Proc. 1964:71-73.

PEARSON, HENRY A.

1965.

Low-cost constant-temperature water bath.
J. Range Manage. 18:149-151.

PEARSON, HENRY A.

1965.

Rumen organisms in white-tailed deer from south Texas.
J. Wildl. Manage. 29:493-496.

PEARSON, HENRY A.

1967.

Cattle diet digestibilities determined from components.
J. Range Manage. 20:405-406.

PEARSON, HENRY A.

1967.

Effect of delays in inoculum collection on artificial rumen digestibilities.
J. Range Manage. 20:332-333c

PEARSON, HENRY A.

1967.

Phenology of Arizona fescue and mountain muhly in the northern Arizona ponderosa pine type.
U. S. For. Serv. Res. Note RM-89, 4 p.

PEARSON, HENRY A.

1967.

Range animal nutrition.
West. Tex. Ranch Manage. Conf. [Lubbock, Tex., Oct. 1967] Proc. 5:66-82.

PEARSON, HENRY A.

1967. Rumen microorganisms in buffalo from southern Utah. *Appl. Microbiol.* 15:1450-1451.

PEARSON, HENRY A.

1968. Thinning, clearcutting, and reseeding affect deer and elk use of ponderosa pine forests in Arizona. *USDA For. Serv. Res. Note RM-119*, 4 p.

PEARSON, HENRY A.

1969. Rumen microbial ecology in mule deer. *Appl. Microbiol.* 17:819-824.

PEARSON, HENRY A.

1969. Starvation in antelope with stomachs full of feed. *USDA For. Serv. Res. Note RM-148*, 4 p.

PEARSON, HENRY A.

1970. Digestibility trials: In vitro techniques. p. 85-92. *In Range and wildlife habitat evaluation—a research symposium*. U. S. Dep. Agric. Misc. Publ. 1147, 220 p.

PEARSON, HENRY A.

1972. Estimating cattle gains from consumption of digestible forage on ponderosa pine range. *J. Range Manage.* 25:18-20.

PEARSON, HENRY A.

1973. Calculating grazing intensity for maximum profit on ponderosa pine range in northern Arizona. *J. Range Manage.* 26:277-278.

PEARSON, H. A., J. R. DAVIS, AND G. H. SCHUBERT.

1972. Effects of wildfire on timber and forage production in Arizona. *J. Range Manage.* 25:250-253.

PEARSON, HENRY A., AND DONALD A. JAMESON.

1967. Relationship between timber and cattle production on ponderosa pine range—the Wild Bill Range. *U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Unnumbered Publ.*, 10 p.

PEARSON, H. A., J. F. MANN,* AND D. A. HOWARD.*

1971. Timing use of cool- and warm-season grasses on pine ranges. *J. Range Manage.* 24:162-163.

PEARSON, H. A., D. C. MORRISON,* AND W. K. WOLKE.*

1969. Trick tanks: Water developments for range livestock. *J. Range. Manage.* 22:359-360.

PECK, E. C., * E. S. KOTOK, AND L. A. MUELLER.

1956. Air drying of ponderosa pine lumber in Arizona. *For. Prod. J.* 6:88-96.

PERLA, R.*

1969. Strength tests on newly fallen snow. *J. Glaciol.* 8:427-440.

PERLA, RONALD I.*

1969. Strength tests on newly fallen snow. *USDA For. Serv. Res. Note RM-150*, 12 p.

PERLA, R. I.

1971. Generalization of Haefeli's creep angle analysis. *Am. Geophys. Union Trans.* 52:825. (Abstr.)

PERLA, R. I.

1972. Generalization of Haefeli's creep-angle analysis. *J. Glaciol.* 11:447-450.

PERLA, R. I. [COMPILER].

1973. Advances in North American avalanche technology: 1972 symposium. *USDA For. Serv. Gen. Tech. Rep. RM-3*, 54 p.

PERLA, R. I.

1973. Hyperbolic stress equations for compressible slabs. *Int. J. Non-Linear Mech.* 8:253-259.

PETERSON, GERALDINE.

1958. Board-foot volumes of white fir to an 8-inch top. *U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 30*, 2 p.

PETERSON, GERALDINE.

1961. Board-foot volumes of Engelmann spruce to an 8-inch top. *U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 56*, 2 p.

PETERSON, GERALDINE.

1961. Volume tables for aspen in Colorado. *U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 63*, 4 p.

PETERSON, GLENN W.

1962. Necrotic ring spot virus content of American plum in plains windbreaks. *U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 74*, 1 p.

PETERSON, GLENN W.

1962.

Root lesion nematode infestation and control in a plains forest tree nursery.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 75, 2 p.

PETERSON, G. W.

1963.

Cedar blight.
p. 105-106. In Internationally dangerous forest tree diseases. U. S. Dep. Agric. Misc. Publ. 939, 122 p.

PETERSON, GLENN W.

1963.

Diseases of conifers in Nebraska.
Am. Nurseryman 118:71.

PETERSON, GLENN W.

1963.

Going...going...going...gone...Courtesy of Dutch elm disease.
Nebr. Exp. Stn. Q. 9(4):10-11.

PETERSON, GLENN W.

1964.

Dutch elm disease in Nebraska.
Plant Dis. Rep. 48:781.

PETERSON, GLENN W.

1964.

Hardwood diseases in plains forest tree nurseries.
Reg. 8 [U. S. For. Serv.] For. Nurserymen's Conf. [Oklahoma City, Okla., Sept. 1964] Proc. 1964:145-147.

PETERSON, GLENN W.

1964.

Heat treatment of nematode-infested eastern redcedar roots.
Plant Dis. Rep. 48:862.

PETERSON, GLENN W.

1965.

Dothistroma needle blight of Austrian pine:
Infection and control.
Plant Dis. Rep. 49:124-126.

PETERSON, GLENN W.

1965.

Field survival and growth of *Phomopsis*-blighted and non-blighted eastern redcedar planting stock.
Plant Dis. Rep. 49:121-123.

PETERSON, GLENN W.

1966.

Penetration and infection of Austrian and ponderosa pines by *Dothistroma pini*.
Phytopathology 56:894-895. (Abstr.)

PETERSON, GLENN W.

1966.

Western X-disease virus of chokecherry:
Transmission and seed effects.
Plant Dis. Rep. 50:659-660.

PETERSON, GLENN W.

1967.

Botryodiplodia disease of Russian-olive.
Phytopathology 57:825-826. (Abstr.)

PETERSON, G. W.

1967.

Cedar blight.
p. 55-56. In Important Forest Insects and Diseases of Mutual Concern to Canada, the United States and Mexico. North Am. For. Comm., FAO., 248 p., Can. Dep. For. Rural Dev., Ottawa.

PETERSON, GLENN W.

1967.

Control of *Cylindrosporium* leaf spot disease of *Rhus trilobata* and *Shepherdia argentea* seedlings.
Plant Dis. Rep. 51:700-701.

PETERSON, GLENN W.

1967.

Dothistroma needle blight of Austrian and ponderosa pines: Epidemiology and control.
Phytopathology 57:437-441.

PETERSON, GLENN W.

1967.

Dothistroma needle blight of pines in North America.
XIV Int. Union For. Res. Organ. Congr. [Munich, Sept. 1967] Proc. v. I., Sect. 24, p. 269-278.

PETERSON, GLENN W.

1969.

Dothistroma pini needle blight on *Pinus radiata*.
FAO Plant Prot. Bull. 17:43.

PETERSON, G. W.

1969.

Growth of germ tubes of *Dothistroma pini* conidia positively directed toward stomata of Austrian and ponderosa pine needles.
Phytopathology 59:1044. (Abstr.)

PETERSON, GLENN W.

1970.

Response of ponderosa pine seedlings to soil fumigants.
Plant Dis. Rep. 54:572-575.

PETERSON, GLENN W.

1970.

Seed-protectant chemicals affect germination of ponderosa pine seed.
Tree Plant. Notes 21(4):25-29.

PETERSON, GLENN W.

1972.

Chemical control of *Phomopsis* blight of junipers: A search for new methods.
Tree Plant. Notes 23(3):3-4.

PETERSON, GLENN W.

1973.

Biology and control of some conifer diseases encountered in landscapes in the midwestern United States.
Woody Ornamental Dis. Workshop [Columbia, Mo., Jan., 1973] Proc. 1:111-128.

PETERSON, GLENN W.
1973.
Dispersal of aeciospores of *Peridermium harknessii* in central Nebraska.
Phytopathology 63:170-172.

PETERSON, GLENN W.
1973.
Infection of Austrian and ponderosa pines by *Dothistroma pini* in eastern Nebraska.
Phytopathology 63:1060-1063.

PETERSON, GLENN W.
1973.
Infection of *Juniperus virginiana* and *J. scopulorum* by *Phomopsis juniperovora*.
Phytopathology 63:246-251.

PETERSON, GLENN W., DAVID NULAND,* AND JOHN L. WEIHING.*
1960.
Test of four fungicides for control of cedar blight.
Plant Dis. Rep. 44:744-746.

PETERSON, GLENN W., AND RALPH A. READ.
1971.
Resistance to *Dothistroma pini* within geographic sources of *Pinus nigra*.
Phytopathology 61:149-150.

PETERSON, GLENN W., D. R. SUMNER,* AND C. NORMAN.*
1965.
Control of *Phomopsis* blight of eastern redcedar seedlings.
Plant Dis. Rep. 49:529-531.

PETERSON, GLENN W., JAMES L. STEWART,* AND WILLIAM G. WILLIS.*
1968.
Oak wilt distribution in Nebraska and Kansas.
Plant Dis. Rep. 52:357-358.

PETERSON, GLENN W., AND DAVID S. WYSONG.*
1965.
Dutch elm disease spread and control in Nebraska.
Nebr. Agric. Exp. Stn. Q. 11(4):15-16.

PETERSON, GLENN W., AND DAVID S. WYSONG.*
1968.
Cercospora blight of junipers: Damage and control.
Plant Dis. Rep. 52:361-362.

PETERSON, GLENN W., AND DAVID S. WYSONG.*
1968.
Diplodia tip blight of pines in the central Great Plains: Damage and control.
Plant Dis. Rep. 52:359-360.

PETERSON, ROGER S.
1959.
The *Cronartium coleosporioides* complex in the Black Hills.
Plant Dis. Rep. 43:1227-1228.

PETERSON, R. S.
1959.
Pine gall rust in the Rocky Mountains.
Diss. Abstr. 20:1557.

PETERSON, R. S.
1960.
Development of western gall rust in lodgepole pine.
Phytopathology 50:876-881.

PETERSON, ROGER S.
1960.
Western gall rust on hard pines.
U. S. Dep. Agric. For. Pest Leafl. 50, 8 p.

PETERSON, ROGER S.
1961.
Conifer tumors in the central Rocky Mountains.
Plant Dis. Rep. 45:472-474.

PETERSON, R. S.
1961.
Host alternation of spruce broom rust.
Science 134:468-469.

PETERSON, ROGER S.
1961.
Notes on western rust fungi. I. *Chrysomyxa*.
Mycologia 53:427-431.

PETERSON, R. S.
1961.
On "facultative heteroecism."
Phytopathology 51:266-267.

PETERSON, ROGER S.
1961.
Western gall rust cankers in lodgepole pine.
J. For. 59:194-196.

PETERSON, ROGER S.
1962.
Comandra blister rust in the central Rocky Mountains.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 79, 6 p.

PETERSON, ROGER S.
1962.
Consider plant rusts in your plans.
Green Thumb 19:113-115.

PETERSON, ROGER S.
1962.
Notes on western rust fungi. II. *Pucciniaceae*.
Mycologia 54:389-394.

PETERSON, R. S.
1962.
Notes on western rust fungi. III. *Cronartium*.
Mycologia 54:678-684.

PETERSON, ROGER S.

1962.

Wyoming pinyon revisited.

Madrono 16:269.

PETERSON, R. S.

1963.

Spruce broom rust.

p. 91-92. In Internationally dangerous forest tree diseases. U. S. Dep. Agric. Misc. Publ. 939, 122 p.

PETERSON, ROGER S.

1971.

Wave years of infection by western gall rust on pine.

Plant Dis. Rep. 55:163-167.

PIATT, J. R., * AND H. W. SPRINGFIELD.

1973.

Tetrazolium staining of cliffrose embryos.

Proc. Assoc. Off. Seed Anal. 63: 67-75.

PIERCE, DONALD A.

1961.

Classes of ponderosa pine in New Mexico and Arizona susceptible to attack by the southwestern pine beetle and associated bark beetles.

U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 64, 9 p.

PIERCE, D. A., * W. F. McCAMBRIDGE, AND G. E. MOORE.*

1968.

Control of pinyon needle scale with dimethoate.

J. Econ. Entomol. 61:1697-1698.

PINGREY, H. B., * L. F. COTTAM, * AND E. J. DORTIGNAC.

1954.

Reseeding of low productive rangelands in northern N. M. may save seasonal grazing.

N. M. Stockman 19(9):74-75.

PINGREY, H. B., AND E. J. DORTIGNAC.

1956.

Wheatgrass turns waste into beef.

West. Livest. 41(11):92, 95.

PINGREY, H. B., * AND E. J. DORTIGNAC.

1957.

Cost of seeding northern New Mexico rangelands.

N. M. Agric. Exp. Stn. Bull. 413, 43 p.

PINGREY, H. B., * AND E. J. DORTIGNAC.

1958.

Range seeding—what does it cost.

Cattleman 44(12):48-49.

PINGREY, H. B., * AND E. J. DORTIGNAC.

1959.

Economic evaluation of seeding crested wheatgrass on northern New Mexico rangeland.

N. M. Agric. Exp. Stn. Bull. 433, 80 p.

PISSOT, HENRY J.*

1965.

New Mexico's forest area and timber volume.

U. S. For. Serv. Res. Note INT-32, 4 p.

POND, FLOYD W.

1960.

Vigor of Idaho fescue in relation to different grazing intensities.

J. Range Manage. 13:28-30.

POND, FLOYD W.

1961.

Basal cover and production of weeping lovegrass under varying amounts of shrub live oak crown cover.

J. Range Manage. 14:335-337.

POND, FLOYD W.

1961.

Effect of three intensities of clipping on the density and production of meadow vegetation.

J. Range Manage. 14:34-38.

POND, FLOYD W.

1961.

Mechanical control of Arizona chaparral and some results from brush clearing.

Ariz. Watershed Symp. [Phoenix, Ariz., Sept. 1961] Proc. 5: 39-41.

POND FLOYD W.

1962.

Shrub live oak limits production of weeping lovegrass.

Ariz. Cattlelog 18(7):60-61.

POND, FLOYD W.

1964.

Response of grasses, forbs, and halfshrubs to chemical control of chaparral in central Arizona.

J. Range Manage. 17:200-203.

POND, FLOYD W.

1964.

Toward more successful rootplowing.

Ariz. Cattlelog 21(3):18, 22.

POND, FLOYD W.

1968.

Changes in grass production on ungrazed converted chaparral.

U. S. For. Serv. Res. Note RM-98, 4 p.

POND, F. W.

1968.

Conversion of chaparral and scrub hardwood to productive range.

Herbicides and Vegetation Management in Forests, Ranges, and Noncrop Lands Symp. [Corvallis, Oreg., Sept. 1967] Proc. 1967:214-219.

POND, FLOYD W.

1969.

Grazing values on undisturbed chaparral versus areas converted to grass: The Tonto Springs Range.

U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Unnumbered Publ., 13 p.

POND, FLOYD W.

1971.

Chaparral: 47 years later.

USDA For. Serv. Res. Pap. RM-69, 11 p.

POND, FLOYD W., AND JOHN W. BOHNING.*

1971.

The Arizona chaparral.

Ariz. Cattlelog 27(10):16, 18, 20, 22-28; 27(11):13-16, 18-24.

POND, FLOYD W., AND DWIGHT R. CABLE.

1960.

Effect of heat treatment on sprout production of some shrubs of the chaparral in central Arizona.

J. Range Manage. 13:313-317.

POND, FLOYD W., AND DWIGHT R. CABLE.

1962.

Recovery of vegetation following wildfire on a chaparral area in Arizona.

U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 72, 4 p.

POND, FLOYD W., JAMES L. KUKAL,* AND EDDIE BALMES.*

1968.

Chaparral: A good cow home during deep snow.

Ariz. Cattlelog 26(2):17, 18, 20, 22.

POND, FLOYD W., D. T. LILLIE,* AND H. R. HOLBO.

1965.

Shrub live oak control by root plowing.

U. S. For. Serv. Res. Note RM-38, 2 p.

POND, FLOYD W., AND HENRY A. PEARSON.

1970.

Storage does not affect crude protein content of forage samples.

USDA For. Serv. Res. Note RM-160, 1 p.

POND, FLOYD W., AND H. A. PEARSON.

1971.

Freeze branding cattle for individual identification.

J. Range Manage. 24:466-467.

POND, FLOYD W., AND DIXIE R. SMITH.

1971.

Ecology and management of subalpine ranges on the Big Horn Mountains of Wyoming.

Wyo. Agric. Exp. Stn. Res. J. 53, 25 p.

POTTER, LOREN D.,* AND JOHN C. KRENETSKY.*

1967.

Plant succession with released grazing on New Mexico range lands.

J. Range Manage. 20:145-151.

POULTON, CHARLES E.,* RICHARD S. DRISCOLL, AND BARRY J. SCHRUMPF.*

1969.

Range resource inventory from space and supporting aircraft photography.

Sect. 20, p. 20-1 to 20-28. In v. II, Agric./For. Sensor Studies. Second Ann. Earth Resour. Aircr. Program Status Rev., NASA, Houston, Tex.

PRICE, RAYMOND.

1955.

The use of arid lands.

New Outlook 8(6):78-82.

PRICE, RAYMOND.

1956.

Possibilities of increasing and maintaining production from grass and forest lands without accelerating erosion.

p. 233-244. In The future of arid lands. Arid Lands Conf. Proc. Am. Assoc. Adv. Sci. Pub. 43.

PRICE, RAYMOND

1959.

Summary of conference highlights.

p. 40-44. In Time for action in the woods. Timberland Owners' Conf., Southwest. Reg. [Santa Fe, N. M., Sept. 1958] Proc., 44 p.

PRICE, RAYMOND

1960.

Progress in the integration of forestry and grazing —the United States and Canada.

In Multiple use of forest lands. Fifth World For. Congr. [Seattle, Wash., Aug.-Sept. 1960] Proc. 1:329-337.

PRICE, RAYMOND.

1962.

Increasing water yield through research.

West. For. Conf. [Seattle, Wash., Dec. 1962] Proc. 53:54-57.

PRICE, RAYMOND

1964.

The Rocky Mountain forest region—a challenge and opportunity for American foresters.

J. For. 62:622-626.

PRICE, RAYMOND.

1967.

Possibilities of increasing streamflow from forest and range watersheds by manipulating the vegetative cover—the Beaver Creek pilot watershed evaluation study.

XIV Int. Union For. Res. Organ. Congr. [Munich, Sept. 1967] Proc. v. I., Sect. 01-02-11, p. 487-504.

PRICE, RAYMOND, AND MARVIN D. HOOVER.

1957.

Watershed management research in Arizona conducted by the Forest Service.

Ariz. Watershed Program [Phoenix, Ariz., Sept. 1957] Proc. 1:5-10.

RASKI, D. J., * AND J. W. RIFFLE.

1967.

Two new species and further notes on *Criconemoides* Taylor, 1936 (Criconematidae: Nematoda).

Helminthol. Soc. Wash. Proc. 34:212-219.

READ, RALPH A.

1955.

Grading of transplants may improve initial survival of ponderosa pine in Plains windbreaks.

U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 16, 2 p.

READ, RALPH A.

1955.

Status of the Great Plains shelterbelts.
Yale For. School News 43(4):67-74.

READ, RALPH A.

1956.

Effect of livestock concentration on surface-soil porosity within shelterbelts.

U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 22, 4 p.

READ, RALPH A.

1957.

Effect of livestock concentration on surface-soil porosity within shelterbelts.

J. For. 55:529-530.

READ, RALPH A.

1958.

The Great Plains shelterbelt in 1954.

Nebr. Agric. Exp. Stn. Bull. 441, and Great Plains Agric. Coun. Publ. 16, 125 p.

READ, RALPH A.

1958.

Silvical characteristics of Plains cottonwood.

U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 33, 18 p.

READ, RALPH A.

1958.

Trees for Nebraska windbreaks.

Nebr. Farmer 100(7):42.

READ, RALPH A.

1961.

Bibliography of Great Plains forestry.

U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 58, 153 p.

READ, RALPH A.

1964.

'Hybrid' pines, a matter of time, patience, research.

Nebr. Agric. Exp. Stn. Q. 10(4):10-12.

READ, RALPH A.

1964.

Tree windbreaks for the central Great Plains.

U. S. Dep. Agric., Agric. Handb. 250, 68 p.

READ, RALPH A.

1965.

Windbreaks for the central Great Plains.

U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Unnumbered Publ.

READ, RALPH A.

1966.

Ten-year growth of two sources of large grade ponderosa pine transplants in Nebraska.

U. S. For. Serv. Res. Note RM-70, 3 p.

READ, RALPH A.

1967.

Hybrid poplar performance at 10 years in the Nebraska sandhills.

U. S. For. Serv. Res. Note RM-91, 8 p.

READ, R. A.

1968.

Silvicultural systems for rural populations: Shelterbelts.

Sixth World For. Congr. [Madrid, Spain, 1966] Proc. 3:3763-3768.

READ, RALPH A.

1970.

A new tree for eastern Nebraska.

Nebr. Agric. Exp. Stn. Q. 17(3):10-11.

READ, RALPH A.

1971.

Browsing preference by jackrabbits in a ponderosa pine provenance plantation.

USDA For. Serv. Res. Note RM-186, 4 p.

READ, RALPH A.

1971.

Scots pine in eastern Nebraska: A provenance study.

USDA For. Serv. Res. Pap. RM-78, 13 p.

READ, RALPH A.

1972.

Plan before planting tree windbreaks.

Colo. Rancher Farmer 26(2):30, 34.

READ, RALPH A.

1973.

Seed origins of Scotch pine for Christmas trees in Nebraska.

Am. Christmas Tree J. 17(2):21-26.

READ, RALPH A., AND W. T. BAGLEY.*

1967.

Effect of gibberellic acid spray on seedlings of eastern redcedar, bur oak, and red oak.

U. S. For. Serv. Res. Note RM-82, 2 p.

READ, RALPH A., AND WALTER T. BAGLEY.*

1967.

Response of tree seedlings to extended photoperiods.

U. S. For. Serv. Res. Pap. RM-30, 16 p.

REICHERT, DONALD W.
1969.
Equip your snowmobile for hazardous, adverse snow conditions.
Snow-Goer 3(3):23, 64-65.

REICHERT, DONALD W.
1972.
Rearing and training deer for food habits studies.
USDA For. Serv. Res. Note RM-208, 7 p.

REID, ELBERT H.
1954.
Evaluation of western range conditions.
South. Pasture Forage Crops Improv. Conf. and Grass Breeders' Planning Conf. [Stillwater, Okla., June 1954] Rep. 11:34-35. (Abstr.)

REID, ELBERT H.
1954.
Range improvement and management in the southern Great Plains area.
West. Farm Econ. Assoc. [Estes Park, Colo., July 1954] Proc. p. 4-9.

REID, ELBERT H.
1954.
Range research as a career.
J. Range Manage. 7:199-201.

REID, ELBERT H.
1956.
Reproduction and life span of some southwestern range grasses.
p. 9-15. In Ranch Day, Oct. 8, Jornada Exp. Range. N. M. Exp. Stn., N. M. Ext. Serv., Agric. Res. Serv., Rocky Mt. For. and Range Exp. Stn., For. Serv., U. S. Dep. Agric.

REID, ELBERT H.
1957.
Some plant distribution problems in range management.
Colo.-Wyo. Acad. Sci. J. 4(9):55. (Abstr.)

REID, ELBERT H.
1964.
Forage production in ponderosa pine forests.
Soc. Am. For. [Denver, Colo., Sept.-Oct. 1964] Proc. 1964:61-64.

REID, ELBERT H.
1966.
Increasing forage production on rangelands in the southern Rocky-Mountain region of western United States.
X Int. Grassl. Congr. [Helsinki] Proc. 1966:864-867.

REID, ELBERT H.
1968.
Finnsheep—a prolific breed.
Natl. Wool Grower 58(3):14-15.

REID, ELBERT H., JACOB L. KOVNER, AND S. CLARK MARTIN.
1963.
A proposed method of determining cattle numbers in range experiments.
J. Range Manage. 16:184-187.

REID, ELBERT H., AND RAYMOND PRICE.
1960.
Progress in forest-range management.
p. 112-122. In Henry Clepper and Arthur B. Meyer [ed.] American forestry: Six decades of growth. 319 p. Soc. Am. For., Wash., D. C.

REID, V. H., * R. M. HANSEN, * AND A. L. WARD.*
1966.
Counting mounds and earth plugs to census mountain pocket gophers.
J. Wildl. Manage. 30:327-334.

RENNER, F. G., * AND L. D. LOVE.
1955.
Management of water on western rangelands.
U. S. Dep. Agric. Yearb. 1955:415-423.

REPPERT, JACK N., AND RICHARD S. DRISCOLL.
1970.
70-mm. aerial photography—a remote sensing tool for wild land research and management.
p. 190-193. In Range and wildlife habitat evaluation—a research symposium. U. S. Dep. Agric. Misc. Publ. 1147, 220 p.

REPPERT, JACK N., AND RICHARD E. FRANCIS.
1973.
Interpretation of trend in range condition from 3-step data.
USDA For. Serv. Res. Pap. RM-103, 15 p.

REPPERT, JACK N., * MEREDITH J. MORRIS, AND CHARLES A. GRAHAM.*
1962.
Estimation of herbage on California annual-type range.
J. Range Manage. 15:318-323.

RETZER, JOHN L.
1953.
Soil-vegetation surveys of wildlands.
J. For. 51:615-619.

RETZER, JOHN L.
1954.
Fertilization of some range soils in the Rocky Mountains.
J. Range Manage. 7:69-73.

RETZER, JOHN L.
1954.
Glacial advances and soil development, Grand Mesa, Colorado.
Am. J. Sci. 252:26-37.

RETZER, JOHN L.

1955.

Physical environmental effects on beavers in the Colorado Rockies.
West. Assoc. State Game Fish Comm. Conf. [Jackson Hole, Wyo., June 1955] Proc. 35:279-287.

RETZER, J. L.

1956.

Alpine soils of the Rocky Mountains.
J. Soil Sci. 7:22-32.

RETZER, J. L.

1962.

Soil Survey of Fraser alpine area, Colorado.
Soil Surv. Ser. 1956, No. 20, 47 p. U. S. Dep. Agric., For. Serv. and Soil Conserv. Serv., Colo. Agric. Exp. Stn., U. S. Gov. Print. Off.

RETZER, J. L., AND E. A. COLMAN.*

1955.

Soil surveys on forest and range lands.
U. S. Dep. Agric. Yearb. 1955:242-246.

RETZER, J. L., C. J. FOX,* J. Y. NISHIMURA,* D. V. HARRIS,* AND A. J. CLINE.*

1961.

Soil survey of Trout Creek watershed, Colorado.
Soil Surv. Ser. 1958, No. 5, 48 p. U. S. Dep. Agric., For. Serv. and Soil Conserv. Serv., Colo. Agric. Exp. Stn., U. S. Gov. Print. Off., Wash., D.C.

RETZER, JOHN L., HAROLD M. SWOPE,* JACK D. REMINGTON,* AND WILLIAM H. RUTHERFORD.*

1956.

Suitability of physical factors for beaver management in the Rocky Mountains of Colorado.
Colo. Dep. Game Fish Tech. Bull. 2, 33 p.

REYNOLDS, H. G.

1954.

Drought and its effects.
p. 5-9. In Ranch Day, Oct. 11, Jornada Exp. Range. N. M. Exp. Stn., N. M. Ext. Serv., Agric. Res. Serv., Rocky Mt. For. and Range Exp. Stn., For. Serv., U. S. Dep. Agric.

REYNOLDS, HUDSON G.

1954.

Meeting drought on southern Arizona rangelands.
J. Range Manage. 7:33-40.

REYNOLDS, HUDSON G.

1954.

Some interrelations of the Merriam kangaroo rat to velvet mesquite.
J. Range Manage. 7:176-180.

REYNOLDS, HUDSON G.

1955.

Do you use fully the levers at hand to obtain best livestock distribution.
West. Livestock J. 33(8):38-39, 109-113.

REYNOLDS, HUDSON G.

1956.

Some dynamics of Arizona's grassland communities.
Ariz. Cattlelog 11(10):36-38.

REYNOLDS, HUDSON G.

1957.

Porcupine behavior in the desert-shrub type of Arizona.
J. Mammal. 38:418-419.

REYNOLDS, HUDSON G.

1957.

Range reseeding practices in Arizona.
Ariz. Cattlelog 12(10):28-30.

REYNOLDS, HUDSON G.

1958.

The ecology of the Merriam kangaroo rat (*Dipodomys merriami* Mearns) on the grazing lands of southern Arizona.
Ecol. Monogr. 28:111-127.

REYNOLDS, HUDSON G.

1958.

Vegetational types in Arizona in relation to grazing use.
Ariz. Cattlelog 13(5):26-27.

REYNOLDS, HUDSON G.

1959.

Brush control in the Southwest.
p. 379-389. In Grasslands. Am. Assoc. Adv. Sci. Publ. 53, 406 p.

REYNOLDS, HUDSON G.

1959.

Managing grass-shrub cattle ranges in the Southwest.
U. S. Dep. Agric., Agric. Handb. 162, 40 p.

REYNOLDS, HUDSON G.

1959.

Range reseeding practices in Arizona.
p. 26-27. In Your range—its management. Ariz. Agric. Exp. Stn. and Ariz. Ext. Serv. Spec. Rep. 2, 35 p.

REYNOLDS, HUDSON G.

1959.

Vegetation types of Arizona in relation to grazing use.
p. 8-9. In Your range—its management. Ariz. Agric. Exp. Stn. and Ariz. Ext. Serv. Spec. Rep. 2, 35 p.

REYNOLDS, HUDSON G.

1960.

Current watershed management research by the U.S. Forest Service in Arizona.
p. 63-93. In Progress in watershed management. Third Ann. Meet. [Ariz. Watershed Program, Phoenix, Sept. 1959] Proc. 120 p. Ariz. State Land Dep., Ariz. Water Resour. Comm., Phoenix.

REYNOLDS, HUDSON G.

1960.

Life history notes on Merriam's kangaroo rat in southern Arizona.

J. Mammal. 41:48-58.

REYNOLDS, HUDSON G.

1960.

Scope of current watershed management research in Arizona.

p. 1-4. In *Watershed management research in Arizona, progress report, 1959*. 80 p. U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Fort Collins, Colo.

REYNOLDS, HUDSON G.

1960.

Vegetation management for water yield in the Southwest.

N. M. Water Conf. [Univ. Park, N. M., Nov. 1960] Proc. 5:21-33.

REYNOLDS, HUDSON G.

1960.

Watershed management research in Arizona and New Mexico.

J. For. 58:275-278.

REYNOLDS, H. G.

1961.

Measuring range production.

West. Agric. Econ. Res. Counc. Proc. 9:101-103.

REYNOLDS, HUDSON G.

1962.

Effect of logging on understory vegetation and deer use in a ponderosa pine forest of Arizona.

U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 80, 7 p.

REYNOLDS, HUDSON G.

1962.

Selected bibliography on range research in Arizona.

Am. Soc. Range Manage., Ariz. Sect. [Tempe, Ariz., Jan. 1962] Proc. 1962:50-68.

REYNOLDS, HUDSON G.

1962.

Some characteristics and uses of Arizona's major plant communities.

J. Ariz. Acad. Sci. 2:62-71.

REYNOLDS, HUDSON G.

1962.

Use of natural openings in a ponderosa pine forest of Arizona by deer, elk, and cattle.

U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 78, 4 p.

REYNOLDS, H. G.

1963.

Western goshawk takes Abert squirrel in Arizona.

J. For. 61:839.

REYNOLDS, HUDSON G.

1963.

A wildlife habitat research program for the Southwest.

Ariz.-N. M. Wildl. Soc. [Glenwood, N. M., Feb. 1963] Proc. 2:28-40.

REYNOLDS, HUDSON G.

1964.

Elk and deer habitat use of a pinyon-juniper woodland in southern New Mexico.

North Am. Wildl. Nat. Resour. Conf. Trans. 29:438-444.

REYNOLDS, HUDSON G.

1964.

Fort Bayard habitat improvement.

N. M. Wildl. 9(3):10-11.

REYNOLDS, HUDSON G.

1964.

Some livestock-wildlife habitat relations in Arizona and New Mexico.

Am. Soc. Range Manage., N. M. Sect. [Albuquerque, N. M., Dec. 1964] Proc. 1964, 13 p.

REYNOLDS, HUDSON G.

1965.

Mule deer killed by lightning.

J. Mammal. 46:676.

REYNOLDS, HUDSON G.

1966.

Abert's squirrels feeding in pinyon pine.

J. Mammal. 47:550-551.

REYNOLDS, HUDSON G.

1966.

Slash cleanup in a ponderosa pine forest affects use by deer and cattle.

U. S. For. Serv. Res. Note RM-64, 3 p.

REYNOLDS, HUDSON G.

1966.

Some wildlife habitat management implications from research in Arizona and New Mexico.

Am. Soc. Range Manage. [New Orleans, La., Feb. 1966] Abstr. of Pap. 19:30.

REYNOLDS, HUDSON G.

1966.

Use of a ponderosa pine forest in Arizona by deer, elk, and cattle.

U. S. For. Serv. Res. Note RM-63, 7 p.

REYNOLDS, HUDSON G.

1966.

Use of openings in spruce-fir forests of Arizona by elk, deer, and cattle.

U. S. For. Serv. Res. Note RM-66, 4 p.

REYNOLDS, HUDSON G.

1967.

Chemical constituents and deer use of some crown sprouts in Arizona chaparral.

J. For. 65:905-908.

REYNOLDS, HUDSON G.

1967.

Teaching and research at the university (1933-1950). In Arthur W. Sampson—pioneer range scientist, a chronological bibliography.
J. Range Manage. 20:349-352.

REYNOLDS, H. G.

1968.

Healthy habitat—the key to wildlife protection in the southwest.
N. M. Wildl. 13(5):6-8.

REYNOLDS, HUDSON G.

1969.

Aspen grove use by deer, elk, and cattle in southwestern coniferous forests.
USDA For. Serv. Res. Note RM-138, 4 p.

REYNOLDS, HUDSON G.

1969.

Improvement of deer habitat on southwestern forest lands.
J. For. 67:803-805.

REYNOLDS, HUDSON G.

1971.

Animals and environment.
Alfa Laval Int. 1970/71:65-67.

REYNOLDS, HUDSON G.

1971.

The Austrians call it 'landwirtschaftlichebetreib'.
Am. For. 77(9):14-17, 51.

REYNOLDS, HUDSON G.

1971.

Game production and harvest in Czechoslovakia.
J. For. 69:736-740.

REYNOLDS, HUDSON G.

1972.

An albino Gambel quail from southern Arizona.
J. Ariz. Acad. Sci. 7:46.

REYNOLDS, HUDSON G.

1972.

Wildlife habitat improvement in relation to watershed management in the Southwest.
p. 10-17. In 16th Annu. Ariz. Watershed Symp. [Phoenix, Ariz., Sept. 1972] Proc. Ariz. Water Comm. Rep. 2, 43 p. Phoenix, Ariz.

REYNOLDS, H. G., AND J. W. BOHNING.

1956.

Effects of burning on a desert grass-shrub range in southern Arizona.
Ecology 37:769-777.

REYNOLDS, HUDSON G., WARREN P. CLARY, AND PETER F. FFOLLIOTT.

1970.

Gambel oak for southwestern wildlife.
J. For. 68:545-547.

REYNOLDS, HUDSON G., AND GEORGE E. GLENDENING.

1959.

Research in management of chaparral lands in Arizona.
Ariz. Cattlelog 14(12):13-16.

REYNOLDS, HUDSON G., AND R. ROY JOHNSON.*

1964.

Habitat relations of vertebrates of the Sierra Ancha Experimental Forest.
U. S. For. Serv. Res. Pap. RM-4, 16 p.

REYNOLDS, HUDSON G., AND S. CLARK MARTIN.

1968.

Managing grass-shrub cattle ranges in the Southwest.
U. S. Dep. Agric., Agric. Handb. 162, 44 p. (Rev.)

REYNOLDS, HUDSON G., AND PAUL E. PACKER.

1963.

Effects of trampling on soil and vegetation.
p. 116-122. In Range research methods: A symposium, Denver, Colo., May 1962. U. S. Dep. Agric. Misc. Publ. 940, 172 p.

REYNOLDS, HUDSON G., AND HAROLD A. PAULSEN, JR.

1970.

Range ecology in the western United States.
p. 199-206. In Range and wildlife habitat evaluation—a research symposium. U. S. Dep. Agric. Misc. Publ. 1147, 220 p.

REYNOLDS, H. G., AND H. W. SPRINGFIELD.

1953.

Reseeding southwestern range lands with crested wheatgrass.
U. S. Dep. Agric. Farmers' Bull. 2056, 20 p.

REYNOLDS, H. G., AND F. H. TSCHIRLEY.

1956.

Get rid of those mesquite—now.
Ariz. Stockman 22(7):15, 31, 36.

REYNOLDS, H. G., AND F. H. TSCHIRLEY.*

1957.

Mesquite control on southwestern rangeland.
U. S. Dep. Agric. Leaflet 421, 8 p.

REYNOLDS, H. G., AND F. H. TSCHIRLEY.*

1958.

Mesquite control on southwestern rangeland.
Cattleman 44(10):44-45, 62.

REYNOLDS, H. G., AND F. H. TSCHIRLEY.*

1963.

Mesquite control on southwestern rangeland.
U. S. Dep. Agric. Leaflet 421, 8 p. (Rev.)

REYNOLDS, HUDSON G., AND FRANK TURKOWSKI.
 1972.
 Reproductive variations in the round-tailed ground squirrel as related to winter rainfall.
J. Mammal. 53: 893-898.

RICE, R. W.,* AND W. M. JOHNSON.
 1967.
 Intake and digestion estimates of grazed forage.
Am. Soc. Anim. Sci., West. Sect. Proc. 18:267-272.

RICE, R. W.,* AND W. M. JOHNSON.
 1967.
 Intake and digestion estimates of grazed forage.
J. Anim. Sci. 26:938. (Abstr.)

RICH, L. R.
 1956.
 Relation of plant cover to watershed management.
Ariz. Cattlelog 11(12):34-36.

RICH, L. R.
 1959.
 Hydrologic research using lysimeters of undisturbed soil blocks.
 p. 139-145. *In Symposium of Hannoversch-Munden, vol. II. Lysimeters. Int. Assoc. Sci. Hydrol. Publ.* 49, 177 p.

RICH, LOWELL R.
 1959.
 Relation of plant cover to watershed management.
 p. 7-8. *In Your range—its management. Ariz. Agric. Exp. Stn. and Ariz. Ext. Serv. Spec. Rep.* 2, 35 p.

RICH, L. R.
 1960.
 Preliminary effects of forest tree removal on water yields and sedimentation.
Ariz. Watershed Symp. [Phoenix, Ariz., Sept. 1960] Proc. 4:13-16.

RICH, LOWELL R.
 1960.
 Watershed management research in the mixed conifer type.
 p. 5-16. *In Watershed management research in Arizona, progress report, 1959.* 80 p. U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Fort Collins, Colo.

RICH, L. R.
 1960.
 Water yields from the brush and oak-woodland region of Arizona.
 p. 28-38. *In Water yield in relation to environment in the southwestern United States. Amer. Assoc. Adv. Sci., Southwest. and Rocky Mt Div., Desert and Arid Zones Res. Comm. [Alpine, Tex., May 1960] Symp.*, 74 p.

RICH, LOWELL R.
 1961.
 Surface runoff and erosion in the lower chaparral zone—Arizona.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Pap. 66, 35 p.

RICH, L. R.
 1962.
 Erosion and sediment movement following a wildfire in a ponderosa pine forest of central Arizona.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 76, 12 p.

RICH, LOWELL R.
 1965.
 Water yields resulting from treatments applied to mixed conifer watersheds.
Ariz. Watershed Symp. [Tempe, Ariz., Sept. 1965] Proc. 9:12-15.

RICH, LOWELL R.
 1968.
 Preliminary water yields after timber harvest on Castle Creek, Arizona watersheds.
Ariz. Watershed Symp. [Phoenix, Ariz., Sept. 1968] Proc. 12:9-12.

RICH, LOWELL R.
 1971.
 Hydrologic changes and their influence on the environment in a ponderosa pine forest.
Am. Geophys. Union Trans. 52:201. (Abstr.)

RICH, LOWELL R.
 1972.
 Managing a ponderosa pine forest to increase water yield.
Water Resour. Res. 8:422-428.

RICH, LOWELL R., AND HUDSON G. REYNOLDS.
 1963.
 Grazing in relation to runoff and erosion on some chaparral watersheds of central Arizona.
J. Range Manage. 16:322-326.

RICH, LOWELL R., H. G. REYNOLDS, AND J. A. WEST.*
 1961.
 The Workman Creek experimental watershed.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Pap. 65, 18 p.

RIETVELD, W. J., AND L. J. HEIDMANN.
 1969.
 Influence of antitranspirants on water use, growth characteristics, and relative drought resistance of ponderosa pine seedlings.
USDA For. Serv. Res. Note RM-151, 7 p.

RIFFLE, JERRY W.
1963.
Meloidogyne ovalis (Nematoda: Heteroderidae), a new species of root-knot nematode.
Helminthol. Soc. Wash. Proc. 30:287-292.

RIFFLE, JERRY W.
1964.
Root-knot nematode on African bermuda grass in New Mexico.
Plant Dis. Rep. 48:964-965.

RIFFLE, J. W.
1967.
Effect of an *Aphelenchoides* sp. on the growth of a mycorrhizal and a pseudomycorrhizal fungus.
Nematologica 13:151. (Abstr.)

RIFFLE, J. W.
1967.
Effect of an *Aphelenchoides* species on the growth of a mycorrhizal and a pseudomycorrhizal fungus.
Phytopathology 57:541-544.

RIFFLE, JERRY W.
1968.
Effect of an *Aphelenchoides* species on the growth of mycorrhizal fungi.
Nematologica 14:14. (Abstr.)

RIFFLE, JERRY W.
1968.
Pedicularis centrantheca, a parasite of three southwestern tree species.
Southwest. Nat. 13:99-100.

RIFFLE, JERRY W.
1968.
Plant-parasitic nematodes in marginal *Pinus ponderosa* stands in central New Mexico.
Plant Dis. Rep. 52:52-55.

RIFFLE, JERRY W.
1970.
Aphelenchoides cibolensis (Nematoda: Aphelenchoididae), a new mycophagous nematode species.
Helminthol. Soc. Wash. Proc. 37:78-80.

RIFFLE, JERRY W.
1970.
Nematodes parasitic on *Pinus ponderosa*.
Plant Dis. Rep. 54:752-754.

RIFFLE, JERRY W.
1971.
Effect of nematodes on root-inhabiting fungi.
p. 97-113. In Mycorrhizae. First North Am. Conf. [Apr. 1969] Proc., U. S. Dep. Agric. Misc. Publ. 1189, 255 p.

RIFFLE, JERRY W.
1972.
Effect of certain nematodes on the growth of *Pinus edulis* and *Juniperus monosperma* seedlings.
J. Nematol. 4:91-94.

RIFFLE, J. W.
1972.
Histopathology of *Pinus ponderosa* ectomycorrhizae infected with a *Meloidogyne* species.
Phytopathology 62:785. (Abstr.)

RIFFLE, JERRY W.
1973.
Effect of two mycophagous nematodes on *Armillaria mellea* root rot of *Pinus ponderosa* seedlings.
Plant Dis. Rep. 57:355-357.

RIFFLE, JERRY W.
1973.
Histopathology of *Pinus ponderosa* ectomycorrhizae infected with a *Meloidogyne* species.
Phytopathology 63:1034-1040.

RIFFLE, JERRY W.
1973.
Pure culture synthesis of ectomycorrhizae on *Pinus ponderosa* with species of *Amanita*, *Suillus*, and *Lactarius*.
For. Sci. 19:242-250.

RIFFLE, JERRY W., AND THOMAS E. HINDS.
1969.
Hypoxylon canker of aspen in New Mexico and Arizona.
Plant Dis. Rep. 53:454.

RIFFLE, JERRY W., AND DONALD D. LUCHT.*
1966.
Root-knot nematode on ponderosa pine in New Mexico.
Plant Dis. Rep. 50:126.

RIFFLE, J. W., AND H. W. SPRINGFIELD.
1968.
Hydrogen peroxide increases germination and reduces microflora on seed of several southwestern woody species.
For. Sci. 14:96-101.

ROACH, MACK E.
1953.
Controlling mesquite with diesel oil pays.
Ariz. Stockman 19(8):16-17.

ROACH, MACK E.
1955.
Cholla cacti, their spread and control.
Ariz. Stockman 21(1):18-19, 24-25.

ROACH, MACK E.,* AND G. E. GLENDENING.
1954.
Response of velvet mesquite in southern Arizona to airplane spraying with 2,4,5-T.
West. Weed Control Conf. Proc. 14:53-56.

ROACH, MACK E.,* AND GEORGE E. GLENDENING.

1956.

Response of velvet mesquite in southern Arizona to airplane spraying with 2,4,5-T.
J. Range Manage. 9:70-73.

ROE, ARTHUR L.,* ROBERT R. ALEXANDER, AND
MILTON D. ANDREWS.*

1970.

Engelmann spruce regeneration practices in the
Rocky Mountains.
U. S. Dep. Agric. Prod. Res. Rep. 115, 32 p.

ROGERS, WALTER E.,* AND RICHARD A.
SOMMERFELD.

1968.

A photo-electric snow particle counter.
Am. Geophys. Union Trans. 49:690. (Abstr.)

RONCO, FRANK.

1961.

Bibliography of Engelmann spruce and subalpine
fir.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and
Range Exp. Stn., Stn. Pap. 57, 58 p.

RONCO, FRANK.

1961.

Planting in beetle-killed spruce stands.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and
Range Exp. Stn. Res. Note 60, 6 p.

RONCO, FRANK.

1967.

Lessons from artificial regeneration studies in a
cutover beetle-killed spruce stand in western
Colorado.
U. S. For. Serv. Res. Note RM-90, 8 p.

RONCO, FRANK.

1969.

Assimilation chamber for measuring carbon dioxide
exchange of tree seedlings in the laboratory.
USDA For. Serv. Res. Note RM-143, 7 p.

RONCO, FRANK.

1969.

Assimilation chamber for outdoor measurements of
photosynthesis of tree seedlings.
USDA For. Serv. Res. Note RM-142, 4 p.

RONCO, FRANK.

1969.

Volumeter for estimating quantity of conifer foliage
(for expressing photosynthesis on a leaf-volume
basis).
USDA For. Serv. Res. Note RM-133, 2 p.

RONCO, FRANK.

1970.

Chlorosis of planted Engelmann spruce seedlings
unrelated to nitrogen content.
Can. J. Bot. 48:851-853.

RONCO, FRANK.

1970.

Engelmann spruce seed dispersal and seedling
establishment in clearcut forest openings in
Colorado—a progress report.
USDA For. Serv. Res. Note RM-168, 7 p.

RONCO, FRANK.

1970.

Influence of high light intensity on survival of
planted Engelmann spruce.
For. Sci. 16:331-339.

RONCO, FRANK.

1970.

Shading and other factors affect survival of planted
Engelmann spruce seedlings in central Rocky
Mountains.
USDA For. Serv. Res. Note RM-163, 7 p.

RONCO, FRANK.

1972.

Overwinter food reserves of potted Engelmann
spruce seedlings.
Can. J. For. Res. 2:489-492.

RONCO, FRANK.

1972.

Planting Engelmann spruce.
USDA For. Serv. Res. Pap. RM-89, 24 p.

RONCO, FRANK.

1972.

Solarization—a high elevation problem.
West. Reforestation Coord. Comm. [Seattle, Wash.,
Dec. 1972] Annu. Meet. 1972:112-115. West. For.
Conserv. Assoc., Portland, Oreg.

RONCO, FRANK.

1973.

Food reserves of Engelmann spruce planting stock.
For. Sci. 19:213-219.

RONCO, FRANK, AND DANIEL L. NOBLE.

1971.

Engelmann spruce regeneration in clearcut openings
not insured by record seed crop.
J. For. 69:578-579.

S

SANDER, D. H.

1962. Growth curves for ponderosa pine in Nebraska windbreaks. U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 82, 3 p.

SANDER, D. H.

1963. Height-age curves for Austrian pine in windbreaks on Loess soils of Nebraska. U. S. For. Serv. Res. Note RM-13, 2 p.

SANDER, DONALD H.

1965. Height growth characteristics of Siberian elm in central Great Plains windbreaks. U. S. For. Serv. Res. Note RM-59, 4 p.

SANDER, D. H.

1966. Effect of urea and urea-formaldehyde on the growth of lodgepole pine seedlings in a nursery. Tree Plant. Notes 79, p. 18-23.

SANDER, D. H.

1970. Soil water and tree growth in a Great Plains windbreak. Soil Sci. 110:128-135.

SANDER, D. H.

1971. Soil properties and Siberian elm tree growth in Nebraska windbreaks. Soil Sci. 112:357-363.

SCHARPF, ROBERT F.,* AND FRANK G. HAWKSWORTH.

1966. Hosts and distribution of *Uredo phoradendri*. Mycologia 58:811-812.

SCHARPF, ROBERT F.,* AND FRANK G. HAWKSWORTH.

1968. Dwarf mistletoe on sugar pine. U. S. Dep. Agric. For. Pest Leafl. 113, 4 p.

SCHARPF, R. F.,* JOHN STALEY, AND F. G. HAWKSWORTH.

1970. A needle cast, the first known disease of bristlecone fir in California. Plant Dis. Rep. 54:275-277.

SCHMID, J. M.

1967. Asiid predation on the Black Hills beetle, *Dendroctonus ponderosae*. Bull. Entomol. Soc. Am. 13:195. (Abstr.)

SCHMID, J. M.

1969. *Laphria gilva* (Diptera: Asilidae), a predator of *Dendroctonus ponderosae* in the Black Hills of South Dakota. Ann. Entomol. Soc. Am. 62:1237-1241.

SCHMID, J. M.

1969. A revision of the nearctic species of *Atrometus* (Hymenoptera: Ichneumonidae). Can. Entomol. 101:778-784.

SCHMID, J. M.

1970. Dispersal studies with radioactively tagged spruce beetles. USDA For. Serv. Res. Note RM-178, 3 p.

SCHMID, J. M.

1970. *Enoclerus sphegeus* (Coleoptera: Cleridae), a predator of *Dendroctonus ponderosae* (Coleoptera: Scolytidae) in the Black Hills. Can. Entomol. 102:969-977.

SCHMID, J. M.

1970. *Medetera aldrichii* (Diptera: Dolichopodidae) in the Black Hills. I. Emergence and behavior of adults. Can. Entomol. 102:705-713.

SCHMID, J. M.

1970. Notes on the nearctic *Agrypon* (Hymenoptera: Ichneumonidae). Can. Entomol. 102:1539-1541.

SCHMID, J. M.

1971. Beetles in the spruce forests. Colo. Outdoors 20(4):32-35.

SCHMID, J. M.

1971. *Medetera aldrichii* (Diptera: Dolichopodidae) in the Black Hills. II. Biology and densities of the immature stages. Can. Entomol. 103:848-853.

SCHMID, J. M.

1972. Emergence, attack densities, and seasonal trends of mountain pine beetle (*Dendroctonus ponderosae*) in the Black Hills. USDA For. Serv. Res. Note RM-211, 7 p.

SCHMID, J. M.

1972. A problem in the Front Range: Pine beetles. Colo. Outdoors 21(6):37-39.

SCHMID, J. M.
1972.
Reduced ethylene dibromide concentrations or fuel oil alone kills spruce beetles.
J. Econ. Entomol. 65:1520-1521.

SCHMID, J. M., AND ROY C. BECKWITH.*
1972.
The spruce beetle.
U. S. Dep. Agric. For. Pest Leafl. 127, 7 p.

SCHMID, J. M., J. C. MITCHELL, AND M. H. SCHROEDER.*
1973.
Bark beetle emergence cages modified for use as pit traps.
USDA For. Serv. Res. Note RM-244, 2 p.

SCHMIDT, RALPH A.
1969.
Wind profiles near the ground in an adverse pressure gradient.
Am. Geophys. Union Trans. 50:621. (Abstr.)

SCHMIDT, R. A., JR.
1970.
Locating snow fences in mountainous terrain.
p. 220-225. *In Snow removal and ice control research. Highw. Res. Board Spec. Rep.* 115, 282 p.

SCHMIDT, R. A., JR.
1971.
How to get the snow where you want it to go.
Skiing Area News 6(3):20-21, 43-44.

SCHMIDT, R. A.
1971.
Processing size, frequency, and speed data from snow particle counters.
USDA For. Serv. Res. Note RM-196, 4 p.

SCHMIDT, R. A., JR.
1972.
Sublimation of wind transported snow—a model.
USDA For. Serv. Res. Pap. RM-90, 24 p.

SCHMIDT, R. A., AND E. W. HOLUB.
1971.
Calibrating the snow particle counter for particle size and speed.
USDA For. Serv. Res. Note RM-189, 8 p.

SCHMIDT, R. A., AND R. A. SOMMERFELD.
1969.
A photoelectric snow particle counter.
West. Snow Conf. [Salt Lake City, Utah, Apr. 1969] Proc. 37:88-91.

SCHMIDT, WYMAN C.,* CHARLES A. WELLNER,* AND ROBERT R. ALEXANDER.
1973.
Northern Rocky Mountain types: Engelmann spruce-subalpine fir.
p. 40-42. *In Silvicultural systems for the major forest types of the United States. U.S. Dep. Agric., Agric. Handb.* 445, 124 p.

SCHMUTZ, ERVIN M.,* DWIGHT R. CABLE, AND JOHN J. WARWICK.*
1959.
Effects of shrub removal on the vegetation of a semidesert grass-shrub range.
J. Range Manage. 12: 34-37.

SCHOLL, DAVID G.
1971.
Soil wettability in Utah juniper stands.
Soil Sci. Soc. Am. Proc. 35:344-345.

SCHOLL, DAVID G., AND ALDEN R. HIBBERT.
1973.
Unsaturated flow properties used to predict outflow and evapotranspiration from a sloping lysimeter.
Water Resour. Res. 9:1645-1655.

SCHROEDER, MARK J.,* AND CHARLES C. BUCK.*
1970.
Fire weather...a guide for application of meteorological information to forest fire control operations.
U. S. Dep. Agric., Agric. Handb. 360, 229 p.

SCHUBERT, GILBERT H.
1970.
Ponderosa pine regeneration problems in the Southwest.
Regeneration Ponderosa Pine Symp. [Corvallis, Oreg., Sept. 1969] Proc. 1970:1-4.

SCHUBERT, GILBERT H.
1971.
Growth response of even-aged ponderosa pines related to stand density levels.
J. For. 69:857-860.

SCHUBERT, GILBERT H.
1971.
The phenology of bristlecone pine on the San Francisco Peaks of Arizona.
J. Ariz. Acad. Sci. 6:245-248.

SCHUBERT, GILBERT H.
1973.
Central and southern Rocky Mountain types: Southwestern ponderosa pine.
p. 45-46. *In Silvicultural systems for the major forest types of the United States. U.S. Dep. Agric., Agric. Handb.* 445, 124 p.

SCHUBERT, GILBERT H., AND RONALD S. ADAMS.*
1971.
Reforestation practices for conifers in California.
359 p. *Calif. Div. For., Sacramento.*

SCHUBERT, GILBERT H., L. J. HEIDMANN, AND M. M. LARSON.
1970.
Artificial reforestation practices for the Southwest.
U. S. Dep. Agric., Agric. Handb. 370, 25 p.

SCHUBERT, GILBERT H., ROBERT W. PEARL, * AND L. J. HEIDMANN.
1969.
Here's how—a guide to tree planting in the Southwest.
USDA For. Serv. Res. Pap. RM-49, 16 p.

SCHUBERT, GILBERT H., AND JOHN A. PITCHER.*
1973.
A provisional tree seed zone for Arizona and New Mexico.
USDA For. Serv. Res. Pap. RM-105, 8 p.

SCHUBERT, GILBERT H., AND W. J. RIETVELD.
1970.
Bristlecone pine—its phenology, cone maturity, and seed production in the San Francisco Peaks, Arizona.
USDA For. Serv. Res. Note RM-180, 7 p.

SCHULTZ, ROBERT W.
1973.
Snowmelt lysimeters perform well in cold temperatures in central Colorado.
USDA For. Serv. Res. Note RM-247, 8 p.

SCHUSTER, JOSEPH L.
1964.
Root development of native plants under three grazing intensities.
Ecology 45:63-70.

SCHUSTER, J. L., AND C. H. WASSER.*
1964.
Nail-board method of root sampling.
J. Range Manage. 17:85-87.

SETZER, THEODORE S.*
1971.
Estimates of timber products output and plant residues, Arizona, 1969.
USDA For. Serv. Res. Note INT-130, 4 p.

SETZER, THEODORE S.*
1971.
Estimates of timber products output and plant residues, Colorado, 1969.
USDA For. Serv. Res. Note INT-131, 4 p.

SETZER, THEODORE S.*
1971.
Estimates of timber products output and plant residues, New Mexico, 1969.
USDA For. Serv. Res. Note INT-134, 4 p.

SETZER, THEODORE S.*
1971.
Estimates of timber products output and plant residues, Wyoming and western South Dakota, 1969.
USDA For. Serv. Res. Note INT-136, 6 p.

SEVERSON, KIETH E., AND F. ROBERT GARTNER.*
1972.
Problems in commercial hunting systems: South Dakota and Texas compared.
J. Range Manage. 25:342-345.

SEVERSON, KIETH E., HAROLD E. MESSNER, AND DONALD R. DIETZ.
1972.
Two-headed white-tailed deer fetus.
Am. Midl. Nat. 88:464-465.

SHAW, ELMER W.
1955.
Ten commandments for technical writers.
Science 121:567. Reprinted in J. For. 53:673.

SHAW, ELMER W.
1955.
Tree's biography is written.
West. Conserv. J. 12(4):1-2.

SHAW, ELMER W.
1956.
Research and its application to forestry education.
Colo. For. 1956, p. 19.

SHAW, ELMER W.
1957.
A new look at shelterbelts.
Am. For. 63(12):18-19, 47, 74.

SHAW, ELMER W.
1957.
Publication ideals.
Tech. Writers' Editors' J. Summer issue, p. 7.

SHAW, ELMER W.
1958.
The bark bug's enemy.
Colo. Outdoors 7(4):24-25.

SHAW, ELMER W.
1958.
Cream and butter for their skin—the foresters of India pamper their elephants.
Fort Collins Times 1(31):1.

SHAW, ELMER W.
1958.
Elephant forester's best friend in India, visitor says.
Fort Collins Coloradoan, July 30 issue, p. 9.

SHAW, ELMER W.
1958.
A natural wood finish for outdoor use.
Green Thumb 15(2):71-72.

SHAW, ELMER W.
1958.
On some occurrences of 'occurred.'
Tech. Commun. 2(9):7.

SHAW, ELMER W.
1958.
Snow research in the Colorado alpine.
Prism, Colo. State Univ., Winter 1958:11-13.

SHAW, ELMER W.
1959.
The alpine yields its secret—water.
West. Farm Life 61(6):5.

SHAW, ELMER W.
1959.
Federal research in forestry at CSU.
Cruiser, Colo. State Univ. 21(3):7.

SHAW, ELMER W.
1959.
Publication guide.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Unnumbered Publ., 14 p.

SHAW, ELMER W.
1959.
Under our very noses.
Surf Writer, Colo. State Univ. Res. Found. 1(8):1.

SHAW, ELMER W.
1960.
The editor's role as an interpreter.
Am. Assoc. Agric. Coll. Ed., Apr. issue, p. 7.

SHAW, ELMER W.
1960.
Windbreaks are worth the worry.
West. Farm Life 62(4):4.

SHAW, ELMER.
1961.
The bark bug's enemy.
p. 142-144. In G. P. Wellborn, L. B. Green, and K. A. Nall Technical Writing. Houghton Mifflin Co., Boston. (Reprinted from Colo. Outdoors 7(4):24-25.)

SHAW, ELMER W.
1961.
The dwarfmistletoe.
Denver Post, Empire Mag. 12(50):8.

SHAW, ELMER W.
1961.
Strange new weapons in an old war.
Denver Post, Empire Mag. 12(33):16-17.

SHEA, KEITH R., * GEORGE M. HARVEY, * H. H. BYNUM, * AND JOHN M. STALEY.
1970.
A new ponderosa pine needle disease in western Oregon plantations.
Northwest Sci. 44:70. (Abstr.)

SHEPPERD, WAYNE D.
1973.
An instrument for measuring tree crown width.
USDA For. Serv. Res. Note RM-229, 3 p.

SHOOK, ROLAND S., AND PAUL H. BALDWIN.*
1970.
Woodpecker predation on bark beetles in Engelmann spruce logs as related to stand density.
Can. Entomol. 102:1345-1354.

SHORT, HENRY L., * DONALD R. DIETZ, AND ELMER E. REMMENGA.*
1966.
Selected nutrients in mule deer browse plants.
Ecology 47:222-229.

SHUMWAY, R. PHIL, * FARRIS HUBBERT, JR., * W. T. HAVER, III, * D. R. CABLE, AND W. H. HALE.*
1963.
A qualitative determination of the diet of grazing steers under desert grassland conditions.
Am. Soc. Anim. Sci., West. Sect. [Corvallis, Oreg., Aug. 1963] Proc. 14:38(1-6).

SHUPE, DOROTHY G.*
1965.
Arizona's forest area and timber volume.
U. S. For. Serv. Res. Note INT-33, 4 p.

SIMON, CHARLES L.
1961.
Effects of lifting date, cold storage, and grading on survival of some coniferous nursery stock.
J. For. 59:449-450.

SKAU, CLARENCE M.
1960.
Watershed management research in the pinyon-juniper type.
p. 25-29. In Watershed management research in Arizona, progress report, 1959. 80 p. U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Fort Collins, Colo.

SKAU, C. M.
1961.
Some hydrologic influences of cabling juniper.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 62, 2 p.

SKAU, C. M.
1964.
Interception, throughfall, and stemflow in Utah and alligator juniper cover types of northern Arizona.
For. Sci. 10:283-287.

SKAU, C. M.
1964.
Soil water storage under natural and cleared stands of alligator and Utah juniper in northern Arizona.
U. S. For. Serv. Res. Note RM-24, 3 p.

SKAU, C. M., AND R. H. SWANSON.

1963.

An improved heat pulse velocity meter as an indicator of sap speed and transpiration.

J. Geophys. Res. 68:4743-4749.

SLABAUGH, PAUL E.

1966.

Shelterbelt research carried forward at Mandan [Bottineau] station.

Bismarck N. D. Tribune, Conserv. Sect. 93 (Oct. 31):13.

SLAYBACK, ROBERT D., * AND DWIGHT R. CABLE.

1970.

Larger pits aid reseeding of semidesert rangeland.

J. Range Manage. 23:333-335.

SMITH, DIXIE R.

1966.

Pot test of nutritive status of two high elevation soils in Wyoming.

J. Range Manage. 19:38-40.

SMITH, DIXIE R.

1967.

Gross energy value of aboveground parts of alpine plants.

J. Range Manage. 20:179-180.

SMITH, DIXIE R.

1968.

Bias in estimates of herbage utilization derived from plot sampling.

J. Range Manage. 21:109-110.

SMITH, DIXIE R.

1969.

In vitro digestibility of alpine forages in Wyoming.

USDA For. Serv. Res. Note RM-145, 3 p.

SMITH, DIXIE R.

1969.

Is deferment always needed after chemical control of sagebrush.

J. Range Manage. 22:261-263.

SMITH, DIXIE R.

1969.

Vegetation, soils, and their interrelationships at timberline in the Medicine Bow Mountains, Wyoming.

Wyo. Agric. Exp. Stn. Sci. Monogr. 17, 13 p.

SMITH, DIXIE R., AND HAROLD P. ALLEY.*

1966.

Chemical control of alpine avens.

J. Range Manage. 19:376-378.

SMITH, DIXIE R., HERBERT G. FISHER,* NED JEFFERIES,* AND PAUL O. STRATTON.*

1967.

Rotation grazing on Wyoming's Big Horn Mountains.

Wyo. Agric. Exp. Stn. Res. J. 13, 26 p.

SMITH, DIXIE R., AND W. M. JOHNSON.

1965.

Vegetation characteristics on a high-altitude sheep range in Wyoming.

Wyo. Agric. Exp. Stn. Bull. 430, 14 p.

SMITH, DIXIE R., * AND MORTON MAY.

1960.

Comparison of rotation and season-long summer grazing on subalpine range in Wyoming (progress report).

Wyo. Agric. Exp. Stn. Mimeogr. Circ. 128, 6 p.

SMITH, DIXIE R., * MORTON MAY, W. M. JOHNSON, AND PAUL STRATTON.*

1960.

Comparison of rotation and season-long summer grazing on subalpine range in Wyoming (progress report).

Wyo. Agric. Exp. Stn. Mimeogr. Circ. 137, 3 p.

SMITH, DWIGHT R.

1959.

How you graze makes the difference.

Am. Hereford J. 49(17):112-113, 116.

SMITH, DWIGHT R.

1967.

Effects of cattle grazing on a ponderosa pine-bunchgrass range in Colorado.

U. S. Dep. Agric. Tech. Bull. 1371, 60 p.

SMITH, DWIGHT R., PAT O. CURRIE, JOSEPH V. BASILE,* AND NEIL C. FRISCHKNECHT.*

1963.

Methods for measuring forage utilization and differentiating use by different classes of animals.

p. 93-102. In Range research methods: A symposium, Denver, Colo., May 1962. U. S. Dep. Agric. Misc. Publ. 940, 172 p.

SMITH, DWIGHT R., AND L. D. LOVE.

1960.

Moderate grazing maintains forage yields—grows fatter cattle.

Colo. Rancher Farmer 14(2):5.

SMITH, F. W., * AND R. A. SOMMERFELD.

1971.

Elastic stresses in layered snow packs.

Am. Geophys. Union Trans. 52:825. (Abstr.)

SMITH, F. W., * R. A. SOMMERFELD, AND R. O. BAILEY.*

1971.

Finite-element stress analysis of avalanche snowpacks.

J. Glaciol. 10:401-405.

SOMMERFELD, R. A.

1969.

Classification outline for snow on the ground.

USDA For. Serv. Pap. RM-48, 24 p.

SOMMERFELD, RICHARD A.

1969. A failure criterion for snow. *Am. Geophys. Union Trans.* 50:608. (Abstr.)

SOMMERFELD, R. A.

1969. The role of stress concentration in slab avalanche release. *J. Glaciol.* 8:451-462.

SOMMERFELD, R.

1970. A process-oriented classification for snow on the ground. p. 135-139. In *Ice engineering and avalanche forecasting and control*. Nat. Res. Counc. Can. Tech. Memo. 98, 163 p.

SOMMERFELD, R. A.

1971. The bulk tensile strength of snow. *Am. Geophys. Union Trans.* 52:825. (Abstr.)

SOMMERFELD, R. A.

1971. The relationship between density and tensile strength in snow. *J. Glaciol.* 10:357-362.

SOMMERFELD, R. A.

1973. Statistical problems in snow mechanics. p. 29-36, In *Advances in North American avalanche technology: 1972 symposium*. USDA For. Serv. Gen. Tech. Rep. RM-3, 54 p.

SOMMERFELD, R. A., AND E. LA CHAPELLE.*

1970. The classification of snow metamorphism. *J. Glaciol.* 9:3-17.

SOMMERFELD, R. A., AND F. WOLFE, JR.

1972. A centrifugal tensile tester for snow. *USDA For. Serv. Res. Note* RM-227, 4 p.

SPENCER, JOHN S., JR.*

1966. Arizona's forests. *U. S. For. Serv. Resour. Bull.* INT-6, 56 p.

SPENCER, JOHN S., JR.,* AND THOMAS O. FARRENKOPF.*

1964. Timber products output in Colorado, Wyoming, and western South Dakota, 1962. *U. S. For. Serv. Res. Pap.* INT-14, 18 p.

SPOTTS, ROBERT A.,* JACK ALTMAN,* AND JOHN M. STALEY.

1972. Soil salinity related to ponderosa pine tipburn. *Phytopathology* 62:705-708.

SPRACKLING, JOHN A.

1973. Soil-topographic site index for Engelmann spruce on granitic soils in northern Colorado and southern Wyoming. *USDA For. Serv. Res. Note* RM-239, 4 p.

SPRINGFIELD, H. W.

1956. Relation of time of planting to establishment of wheatgrasses in northern New Mexico. *U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note* 24, 9 p.

SPRINGFIELD, H. WAYNE.

1957. Forage problems and resources of Iraq. *Int. Coop. Admin.*, Wash., D. C., 37 p.

SPRINGFIELD, H. W.

1959. Estimating the utilization of crested wheatgrass from counts of grazed plants. *U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note* 38, 6 p.

SPRINGFIELD, H. W.

1960. Shrub use by sheep on seeded range. *U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note* 49, 4 p.

SPRINGFIELD, H. W.

1961. The grazed-plant method for judging the utilization of crested wheatgrass. *J. For.* 59:666-670.

SPRINGFIELD, H. W.

1961. Shrub use by sheep on seeded range. *Natl. Wool Grower* 51(6):14-15.

SPRINGFIELD, H. W.

1962. Activities of sheep on crested wheatgrass lambing range. *U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note* 77, 6 p.

SPRINGFIELD, H. W.

1963. Cattle gains and plant responses from spring grazing on crested wheatgrass in northern New Mexico. *U. S. Dep. Agric. Prod. Res. Rep.* 74, 46 p.

SPRINGFIELD, H. W.

1963. Management: Size of grazing area affects sheep behavior. *West. Livest. J.* 41(36):46-47.

SPRINGFIELD, H. W.

1963.

A seeding test with fourwing saltbush (chamiza) in western New Mexico.

U. S. For. Serv. Res. Note RM-11, 11 p.

SPRINGFIELD, H. W.

1964.

Some factors affecting germination of fourwing saltbush.

U. S. For. Serv. Res. Note RM-25, 8 p.

SPRINGFIELD, H. W.

1965.

Adaptability of forage species for pinyon-juniper sites in New Mexico.

U. S. For. Serv. Res. Note RM-57, 4 p.

SPRINGFIELD, H. W.

1965.

Rate and spacing in seeding crested wheatgrass in New Mexico.

U. S. For. Serv. Res. Note RM-42, 8 p.

SPRINGFIELD, H. W.

1966.

Effects of 3 years' grazing at different intensities on crested wheatgrass lambing range in northern New Mexico.

U. S. For. Serv. Res. Note RM-65, 7 p.

SPRINGFIELD, H. W.

1966.

Germination of fourwing saltbush seeds at different levels of moisture stress.

Agron. J. 58:149-150.

SPRINGFIELD, H. W.

1967.

Percentage of filled fourwing saltbush seeds.

U. S. For. Serv. Res. Note RM-81, 4 p.

SPRINGFIELD, H. W.

1968.

Age and year of collection affect germination of winterfat seeds.

U. S. For. Serv. Res. Note RM-112, 2 p.

SPRINGFIELD, H. W.

1968.

Cold storage helps winterfat seeds retain viability.

J. Range Manage. 21:401-402.

SPRINGFIELD, H. W.

1968.

Cold storage not required for fourwing saltbush seeds.

J. Range Manage. 21:335-336.

SPRINGFIELD, H. W.

1968.

Germination of winterfat seeds under different moisture stresses and temperatures.

J. Range Manage. 21:314-316.

SPRINGFIELD, H. W.

1969.

Temperatures for germination of fourwing saltbush.

J. Range Manage. 22:49-50.

SPRINGFIELD, H. W.

1970.

Emergence and survival of winterfat seedlings from four planting depths.

USDA For. Serv. Res. Note RM-162, 4 p.

SPRINGFIELD, H. W.

1970.

Germination and establishment of fourwing saltbush in the Southwest.

USDA For. Serv. Res. Pap. RM-55, 48 p.

SPRINGFIELD, H. W.

1970.

Germination characteristics of *Atriplex canescens* seeds.

XI Int. Grassl. Congr. [Aust., 1970] Proc. 11:586-589.

SPRINGFIELD, H. W.

1971.

Selection and limitations of mulching materials for stabilizing critical areas.

p. 128-161. In Critical Area Stabilization Workshop [Albuquerque, N. M., Apr. 1971] Proc. N. M. Interagency Range Comm. Rep. 7A, 197 p. U. S. Dep. Agric., Agric. Res. Serv., Las Cruces, N. M.

SPRINGFIELD, H. W.

1971.

Winterfat seedlings emerge best from shallow seeding, moderately dry soil.

J. Range Manage. 24:395-397.

SPRINGFIELD, H. W.

1972.

Mulching improves survival and growth of cercocarpus transplants.

USDA For. Serv. Res. Note RM-220, 4 p.

SPRINGFIELD, H. W.

1972.

Optimum temperatures for germination of winterfat.

J. Range Manage. 25:69-70.

SPRINGFIELD, H. W.

1972.

Using mulches to establish woody chenopods.

p. 382-391. In Wildland shrubs—their biology and utilization. USDA For. Serv. Gen. Tech. Rep. INT-1, 494 p.

SPRINGFIELD, H. W.

1972.

Winterfat seeds undergo after-ripening.

J. Range Manage. 25:479-480.

SPRINGFIELD, H. W.

1973.

Cliffrose and mountainmahogany seeds retain viability 6 years in cold storage.

USDA For. Serv. Res. Note RM-236, 2 p.

SPRINGFIELD, H. W.

1973.

Larger seeds of winterfat germinate better.

J. Range Manage. 26:153-154.

SPRINGFIELD, H. W.

1973.

Winterfat fruits and seeds retain high viability 3 years in cold storage.

USDA For. Serv. Res. Note RM-233, 3 p.

SPRINGFIELD, H. W., AND DONALD G. BELL.

1967.

Depth to seed fourwing saltbush.

J. Range Manage. 20:180-182.

SPRINGFIELD, H. W., AND GERALDINE PETERSON.

1964.

Use of the grazed-plant method for estimating utilization of some range grasses in New Mexico.

U. S. For. Serv. Res. Note RM-22, 6 p.

SPRINGFIELD, H. W., AND ELBERT H. REID.

1967.

Crested wheatgrass for spring grazing in northern New Mexico.

J. Range Manage. 20:406-408.

STALEY, JOHN M.

1964.

A new *Lophodermium* on ponderosa pine.

Mycologia 56:757-762.

STALEY, JOHN M.

1964.

A survey of coniferous foliage diseases (other than rusts) in Colorado.

Plant Dis. Rep. 48:562-563.

STALEY, JOHN M.

1965.

Scleroderris canker of subalpine fir in Colorado.

Plant Dis. Rep. 49:882.

STALEY, JOHN M.

1966.

Identity of a needlecast fungus attacking Mexican pines.

Phytopathology 56:903. (Abstr.)

STALEY, JOHN M., JACK ALTMAN,* AND ROBERT A. SPOTTS.*

1968.

A sodium-linked disease of ponderosa pine in Denver, Colorado.

Plant Dis. Rep. 52:908-910.

STALEY, J. M., AND H. H. BYNUM.*

1972.

A new *Lophodermella* on *Pinus ponderosa* and *P. attenuata*.

Mycologia 64:722-726.

STALEY, JOHN M., AND FRANK G. HAWKSWORTH.

1967.

Bifusella crepidiformis on Engelmann spruce.

Plant Dis. Rep. 51:791-792.

STALEY, JOHN M., ROBERT A. SPOTTS,* AND JACK ALTMAN.*

1969.

Chloride toxicity in pine.

Metro Hort. 4(3):1-2. Coop Ext. Serv., Colo. State Univ.

STEIN, JOHN D.

1968.

Labeling larvae of the elm sawfly with P^{32} .

J. Econ. Entomol. 61:508-510.

STEIN, JOHN D.

1969.

Modified tree pruner for twig sampling.

USDA For. Serv. Res. Note RM-130, 2 p.

STEIN, JOHN D., AND PATRICK C. KENNEDY.

1972.

Key to shelterbelt insects in the northern Great Plains.

USDA For. Serv. Res. Pap. RM-85, 153 p.

STELZER, M. J.

1965.

Susceptibility of the Great Basin tent caterpillar, *Malacosoma fragile* (Stretch), to a nuclear-polyhedrosis virus and *Bacillus thuringiensis* Berliner.

J. Invertebr. Pathol. 7:122-125.

STELZER, MILTON J.

1966.

Diatomaceous earth tested against spruce budworm.

J. Econ. Entomol. 59:744-745.

STELZER, MILTON J.

1967.

Control of a tent caterpillar, *Malacosoma fragile incurva*, with an aerial application of a nuclear-polyhedrosis virus and *Bacillus thuringiensis*.

J. Econ. Entomol. 60:38-41.

STELZER, MILTON J.

1968.

The Great Basin tent caterpillar in New Mexico: life history, parasites, disease, and defoliation.

USDA For. Serv. Res. Pap. RM-39, 16 p.

STELZER, MILTON J.

1970.

Mortality of *Ips lecontei* attracted to ponderosa pine trees killed with cacodylic acid.

J. Econ. Entomol. 63:956-959.

STELZER, MILTON J.

1971.

Western tent caterpillar.

U. S. Dep. Agric. For. Pest Leafl. 119, 5 p.

STEPPUHN, H., * J. R. MEIMAN, * AND B. C. GOODELL.

1972.

Automatic detection of water-borne fluorescent tracers.

Int. Assoc. Sci. Hydrol. Bull. 16(4):83-89.

STEVENS, ROBERT E.

1969.

Occurrence of *Exoteleia burkei* in the Sierra Nevada (Lepidoptera: Gelechiidae).
Pan-Pacific Entomol. 45:238.

STEVENS, ROBERT E.

1971.

Fir engraver.

U. S. Dep. Agric. For. Pest Leafl. 13, 7 p. (Rev.)

STEVENS, ROBERT E.

1971.

Pine growth retarded following defoliation by the pine needle sheathminer.

J. Econ. Entomol. 64:1572-1573.

STEVENS, ROBERT E.

1971.

Pine needle-sheath miner.

U. S. Dep. Agric. For. Pest Leafl. 65, 5 p. (Rev.)

STEVENS, ROBERT E.

1971.

Pine reproduction weevil.

U. S. Dep. Agric. For. Pest Leafl. 15, 6 p. (Rev.)

STEVENS, ROBERT E.

1971.

Ponderosa pine tip moth.

U. S. Dep. Agric. For. Pest Leafl. 103, 5 p. (Rev.)

STEVENS, ROBERT E.

1972.

Use of silviculture in control of bark beetles (Scolytidae).

VII Nac. Congr. Mex. Entomol. [Mex. City, Oct. 1970] Folia, Nums. 23-24, p. 87-88.

STEVENS, ROBERT E.

1973.

A ponderosa pine needle miner in the Colorado Front Range.

USDA For. Serv. Res. Note RM-228, 3 p.

STEVENS, ROBERT E.

1973.

Association of *Pityophthorus opimus* with *Pissodes terminalis* in Colorado lodgepole pine (Coleoptera: Scolytidae and Curculionidae).

Coleopt. Bull. 27:141-142.

STEVENS, ROBERT E., AND FRANK G. HAWKSWORTH.

1970.

Insects and mites associated with dwarf mistletoes. USDA For. Serv. Res. Pap. RM-59, 12 p.

STEVENS, ROBERT E., AND JAMES C. MITCHELL.

1970.

Lindane spray effective against mountain pine beetle in the Rocky Mountains.

USDA For. Serv. Res. Note RM-167, 4 p.

STONE, ROBERT N., * AND WALTER T. BAGLEY.*

1961.

The Forest resource of Nebraska.

U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. For. Surv. Release 4, 45 p.

STRASIA, C. A., * R. W. RICE, * AND D. R. SMITH.

1968.

Diet and gain of free vs. herded sheep on alpine range.

J. Anim. Sci. 27:1186. (Abstr.)

STRASIA, C. A., * M. THORN, * R. W. RICE, * AND D. R. SMITH.

1970.

Grazing habits, diet and performance of sheep on alpine ranges.

J. Range Manage. 23:201-208.

STURGES, DAVID L.

1967.

Water quality as affected by a Wyoming mountain bog.

Water Resour. Res. 3:1085-1089.

STURGES, DAVID L.

1968.

Evapotranspiration at a Wyoming mountain bog.

J. Soil Water Conserv. 23:23-25.

STURGES, DAVID L.

1968.

Hydrologic properties of peat from a Wyoming mountain bog.

Soil Sci. 106:262-264.

STURGES, DAVID L.

1973.

Soil moisture response to spraying big sagebrush the year of treatment.

J. Range Manage. 26:444-447.

STURGES, DAVID L., AND ROBERT E. SUNDIN.*

1968.

Gross alpha and beta radiation in waters at a Wyoming mountain bog.

Water Resour. Res. 4:159-162.

SWANSON, ROBERT H.

1962.

Circuit for simultaneous recording of millivolt and thermocouple outputs.

U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 84, 5 p.

SWANSON, ROBERT H.

1962.

An instrument for detecting sap movement in woody plants.

U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 68, 16 p.

SWANSON, ROBERT H.

1962.

A thermistor bridge for use with null balance recorders.

U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 83, 4 p.

SWANSON, ROBERT H.

1966.

Seasonal course of transpiration of lodgepole pine and Engelmann spruce.

p. 419-433. In W. E. Sopper and H. W. Lull [ed.] Forest Hydrology. [Int. Symp. For. Hydrol., Univ. Park, Pa., Aug.-Sept. 1965] 813 p. N. Y.: Pergamon Press.

SWANSON, ROBERT H.

1967.

Improving tree transpiration estimates based on heat pulse velocity measurements.

XIV Int. Union For. Res. Organ. Congr. [Munich, Sept. 1967] Proc. v. I., Sect. 01-02-11, p. 252-263.

SWANSON, ROBERT H.

1967.

A low-cost instrument to measure temperature or resistance accurately.

U. S. For. Serv. Res. Note RM-80, 4 p.

SWANSON, ROBERT H.

1968.

A system for making remote and undisturbed measurements of snow settlement and temperature. West. Snow Conf. [Lake Tahoe, Nev., Apr. 1968] Proc. 36:1-5.

SWANSON, R. H.

1972.

Water transpired by trees is indicated by heat pulse velocity.

Agric. Meteorol. 10:277-281.

SWANSON, ROBERT H., AND RICHARD LEE.

1966.

Measurement of water movement from and through shrubs and trees.

J. For. 64:187-190.

TABLER, RONALD D.

1964. The root system of *Artemisia tridentata* at 9,500 feet in Wyoming. *Ecology* 45:633-636.

TABLER, RONALD D.

1968. Physical and economic design criteria for induced snow accumulation projects. *Water Resour. Res.* 4:513-519.

TABLER, RONALD D.

1968. Soil moisture response to spraying big sagebrush with 2,4-D. *J. Range Manage.* 21:12-15.

TABLER, RONALD D.

1969. Summary of snow research by the Rocky Mountain Forest and Range Experiment Station at Laramie, Wyoming. *Workshop Snow Ice Hydrol.* [Fort Collins, Colo., Aug. 1969] Proc. 1969:134-135.

TABLER, RONALD D.

1970. The hydrology of sagebrush lands and the management of blowing snow. *Wyo. Univ., Water Resour. Res. Inst., Hydrol. Seminar* [Laramie, Wyo., June 1970] Proc. 1970:11-15.

TABLER, RONALD D.

1971. Design of a watershed snow fence system, and first-year snow accumulation. *West. Snow Conf.* [Billings, Mont., Apr. 1971] Proc. 39:50-55.

TABLER, RONALD D.

1973. Evaporation losses of windblown snow, and the potential for recovery. *West. Snow Conf.* [Grand Junction, Colo., Apr. 1973] Proc. 41:75-79.

TABLER, RONALD D.

1973. New snow fence design controls drifts, improves visibility, reduces road ice. *Annu. Transp. Eng. Conf.* [Denver, Colo., Feb. 1973] Proc. 46:16-27.

TABLER, RONALD D.

1973. Snow fences improve highway safety. *Pub. Works* 104(8):74-75.

TABLER, RONALD D., AND ROBERT L. JAIRELL.

1971. A recording gage for blowing snow. *USDA For. Serv. Res. Note RM-193*, 7 p.

TABLER, RONALD D., AND KENDALL L. JOHNSON.

1971. Snow fences for watershed management. *Snow Ice Relation Wildl. Recreation Symp.* [Ames, Iowa, Feb. 1971] Proc. 1971:116-121.

TABLER, RONALD D., AND R. A. SCHMIDT.

1973. Weather conditions that determine snow transport distances at a site in Wyoming. p. 118-126. *In The role of snow and ice in hydrology. Symp. on Properties and Processes (Unesco)* [Banff, Alberta, Can., Sept. 1972] Proc. 2 vols.

TABLER, RONALD D., AND DONALD L. VEAL.*

1971. Effect of snow fence height on wind speed. *Int. Assoc. Sci. Hydrol. Bull.* 16(4):49-56.

THILENIUS, JOHN F.

1966. An improved vegetation sampling quadrat. *J. Range Manage.* 19:40.

THILENIUS, JOHN F.

1970. An isolated occurrence of limber pine (*Pinus flexilis* James) in the Black Hills of South Dakota. *Am. Midl. Nat.* 84:411-417.

THILENIUS, JOHN F.

1971. Vascular plants of the Black Hills of South Dakota and adjacent Wyoming. *USDA For. Serv. Res. Pap. RM-71*, 43 p.

THILENIUS, JOHN F.

1972. Classification of deer habitat in the ponderosa pine forest of the Black Hills, South Dakota. *USDA For. Serv. Res. Pap. RM-91*, 28 p.

THOMPSON, J. R.

1968. Effect of grazing on infiltration in a western watershed. *J. Soil Water Conserv.* 23:63-35.

THOMPSON, J. R., AND A. D. OZMENT.

1972. The Rocky Mountain millivolt integrator for use with solar radiation sensors. *USDA For. Serv. Res. Note RM-225*, 8 p.

TIEDEMANN, ARTHUR R.,* AND FLOYD W. POND.

1967.

Viability of grass seed after long periods of uncontrolled storage.

J. Range Manage. 20:261-262.

TINUS, R. W.

1969.

Effect of kinin on *Pinus ponderosa*.

Plant Physiol. 44:28. (Abstr.)

TINUS, RICHARD W.

1970.

Effect of a carbon dioxide enriched atmosphere on growth of *Pinus ponderosa* Laws. and *Picea pungens* Engl. [Engelm.] seedlings.

North Am. For. Biol. Workshop [East Lansing, Mich., Aug. 1970] 1:n.p. (Abstr.)

TINUS, RICHARD W.

1970.

Growing seedlings in controlled environment.

West. Reforest. Coord. Comm. [Vancouver, B. C., Can., Dec. 1970] Proc. 1970:34-37. West. For. Conserv. Assoc., Portland, Oreg.

TINUS, R. W.

1970.

Response of *Pinus ponderosa* Laws. and *Picea pungens* Engl. [Engelm.] seedlings to extension of photoperiod with continuous and intermittent light.

Plant Physiol. 46 (Suppl.):25, Abstr. 133.

TINUS, RICHARD W.

1971.

Growth of ponderosa pine, white spruce, and blue spruce under clear and red fluorescent plastic.

USDA For. Serv. Res. Note RM-184, 4 p.

TINUS, RICHARD W.

1971.

Response of ponderosa pine and blue spruce to day and night temperature.

Plant Physiol. 47 (Suppl.):30, Abstr. 176.

TINUS, RICHARD W.

1972.

Carbon dioxide enriched atmosphere speeds growth of ponderosa pine and blue spruce seedlings.

Tree Plant. Notes 23(1):12-15.

TOMBAUGH, LARRY W.,* AND L. D. LOVE.

1964.

Estimating number of visitors to National Forest campgrounds.

U. S. For. Serv. Res. Note RM-17, 4 p.

TROXELL, H. E.,* AND L. A. MUELLER.

1968.

Solar lumber drying in the central Rocky Mountain region.

For. Prod. J. 18:19-24.

TSCHIRLEY, FRED H.,* AND S. CLARK MARTIN.

1960.

Germination and longevity of velvet mesquite seed in soil.

J. Range Manage. 13:94-97.

TSCHIRLEY, FRED H.,* AND S. CLARK MARTIN.

1961.

Burroweed on southern Arizona range lands.

Ariz. Agric. Exp. Stn. Tech. Bull. 146, 34 p.

TUNNOCK, SCOTT,* AND ARDEN TAGESTAD.

1973.

Incidence of wood borer activity in green ash windbreak plantings in North Dakota.

U.S. Dep. Agric., For. Serv., Reg. 1, Div. State Priv. For. Rep. 73-5, 13 p. Missoula, Mont.

TURKOWSKI, FRANK J.,* AND HUDSON G. REYNOLDS.

1970.

Response of some rodent populations to pinyon-juniper reduction on the Kaibab Plateau, Arizona. Southwest. Nat. 15:23-27.

TURNER, GEORGE T.

1958.

Outdoor lab converts grass into beef. West. Farm Life 60(6):10.

TURNER, GEORGE T.

1960.

A lay-down fence for snow country.

J. Range Manage. 13:43-44.

TURNER, GEORGE T.

1969.

Pocket gopher influences on mountain grasslands in western Colorado.

Am. Soc. Range Manage. [Calgary, Alberta, Can., Feb. 1969] Abstr. of Pap. 22:35.

TURNER, GEORGE T.

1969.

Responses of mountain grassland vegetation to gopher control, reduced grazing, and herbicide.

J. Range Manage. 22:377-383.

TURNER, GEORGE T.

1971.

Soil and grazing influences on a salt-desert shrub range in western Colorado.

J. Range Manage. 24:31-37.

TURNER, GEORGE T.

1972.

A new approach to estimating herbage moisture content.

J. Range Manage. 25:229-231.

TURNER, GEORGE T., AND EDWARD J. DORTIGNAC.

1954.

Infiltration, erosion, and herbage production of some mountain grasslands in western Colorado.

J. For. 52:858-860.

TURNER, G. T., R. M. HANSEN,* V. H. REID,* H. P. TIETJEN,* AND A. L. WARD.

1973.

Pocket gophers and Colorado mountain rangeland. Colo. State Univ. Exp. Stn. Bull. 554S, 90 p.

U

U. S. FOREST SERVICE.

1955.

This is the skyline-crane logging system.

U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Unnumbered Publ., 11 p.

U. S. FOREST SERVICE.

1959.

Research on Black Mesa—a progress report.

U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 41, 18 p.

U. S. FOREST SERVICE.

1961.

Forest insect conditions in central and southern Rocky Mountains, 1960.

U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 56, 15 p.

U. S. FOREST SERVICE.

1955.

Logs in the sky.

Denver Post, Empire Mag., Sept. 18, p. 53-36.

U. S. FOREST SERVICE.

1953.

The Sierra Ancha experimental watersheds.

U. S. Dep. Agric., For. Serv., Southwest. For. and Range Exp. Stn., Unnumbered Publ., 32 p.

UECKER, F. A.,* AND J. M. STALEY.

1973.

Development of the ascocarp and cytology of *Lophodermella morbida*.

Mycologia 65:1015-1027.

URNESS, PHILIP J.

1969.

Nutritional analyses and in vitro digestibility of mistletoes browsed by deer in Arizona.

J. Wildl. Manage. 33:499-505.

URNESS, PHILIP J., WIN GREEN, AND ROSS K. WATKINS.

1971.

Nutrient intake of deer in Arizona chaparral and desert habitats.

J. Wildl. Manage. 35:469-475.

V

VAN DEUSEN, JAMES L.

1967. Conversion of tree heights in logs to heights in feet: Black Hills ponderosa pine. U. S. For. Serv. Res. Note RM-94, 2 p.

VAN DEUSEN, JAMES L.

1968. Periodic growth of pole-sized ponderosa pine as related to thinning and selected environmental factors. USDA For. Serv. Res. Pap. RM-38, 12 p.

VAN DEUSEN, JAMES L.

1971. Radio-tagged pine seeds easily relocated in Black Hills trials. S. D. Acad. Sci. Proc. 50:238-243.

VAN DEUSEN, JAMES L., AND LAWRENCE D. BEAGLE.

1970. Some cone and seed characteristics of Black Hills ponderosa pine. USDA For. Serv. Res. Note RM-179, 7 p.

VAN DEUSEN, JAMES L., AND LAWRENCE D. BEAGLE.

1973. Judging ripeness of seeds in Black Hills ponderosa pine cones. USDA For. Serv. Res. Note RM-235, 4 p.

VAN DEUSEN, JAMES L., AND CLIFFORD A. MYERS.

1962. Porcupine damage in immature stands of ponderosa pine in the Black Hills. J. For. 60:811-813.

VAN HAVERBEKE, DAVID F.

1963. Root development of ponderosa pine seedlings in the Black Hills. Ecology 44:161-165.

VAN HAVERBEKE, DAVID F.

1964. Shelterbelt research in Nebraska. Nebr. Agric. Exp. Stn. Q. 11(2): 17-18.

VAN HAVERBEKE, DAVID F.

1965. 'First-aid' for your shelterbelt. Nebr. Agric. Exp. Stn. Q. 12(2):17-18.

VAN HAVERBEKE, DAVID F.

1965. Site preparation in renovating shelterbelts. Tree Plant. Notes 73: p. 3-7.

VAN HAVERBEKE, DAVID F.

1965. Taxonomic aspects of *Juniperus* in Nebraska. Nebr. Acad. Sci. [Lincoln, Nebr., Apr.-May 1965] Proc. 75:11-12. (Abstr.)

VAN HAVERBEKE, DAVID F.

1966. Don't choke your shelterbelt evergreens. Nebr. Agric. Exp. Stn. Q. 13(3):12-13, 28.

VAN HAVERBEKE, DAVID F.

1968. A population analysis of *Juniperus* in the Missouri River Basin. Univ. Nebr. Studies, New Ser. 38, 82 p.

VAN HAVERBEKE, DAVID F.

1968. A taxonomic analysis of *Juniperus* in the central and northern Great Plains. In Ornamental tree and shrub improvement—the forester's role. Cent. States For. Tree Improv. Conf. [Carbondale, Ill. and St. Louis, Mo., Oct. 1968] Proc. 6:48-52.

VAN HAVERBEKE, DAVID F.

1969. Give your shelterbelts new life. Nebr. Agric. Exp. Stn. Q. 15(1):20-23.

VAN HAVERBEKE, DAVID F.

1969. Man and trees on the Great Plains. Nebr. Agric. Exp. Stn. Q. 16(3):9-13.

VAN HAVERBEKE, DAVID F.

1973. Renovating old deciduous windbreaks with conifers. J. Soil and Water Conserv. 28:65-68.

VAN HAVERBEKE, DAVID F., WALTER T. BAGLEY,* AND ELLSWORTH H. BENSON.*

1973. Breeding a better Christmas tree. Nebr. Agric. Exp. Stn. Q. 20(3):2-4.

VAN HAVERBEKE, DAVID F., AND CHARLES E. BOLDT.

1968. Vigor and density of shelterbelt conifers can be improved. J. For. 66:187-192.

VAN HAVERBEKE, DAVID F., AND CHARLES E. BOLDT.

1969. Release benefits hardwoods in crowded shelterbelts. USDA For. Serv. Res. Pap. RM-46, 12 p.

VAN HAVERBEKE, DAVID F., AND DAVID I. COOK.*

1972.

Green mufflers.

Am. For. 78(11):28-31.

VAN HAVERBEKE, DAVID F., CHARLES R. HILL,* AND RICHARD J. GAVIT.*

1968.

Trees help integrate Nebraska's agricultural resources.

Nebr. Agric. Exp. Stn. Q. 15(3):4-7.

VAN HAVERBEKE, DAVID F., ROBERT E. ROSELLE,* AND GARY D. SEXSON.*

1971.

Western pine tip moth reduced in ponderosa pine shelterbelts by systemic insecticides.

USDA For. Serv. Res. Note RM-194, 8 p.

VAN HAVERBEKE, DAVID F., CHARLES Y. SULLIVAN,* JOHN F. DAVIDSON.*

1968.

Quantitative differences in extractable lipids yield taxonomic character data in *Juniperus*.

p. 69-81. In A population analysis of *Juniperus* in the Missouri River Basin. Univ. Nebr. Studies, New Ser. 38, 82 p.

W

WAGAR, J. A., AND CLIFFORD A. MYERS.

1958.

Some factors affecting the results of direct-seeding ponderosa pine in the Black Hills.
U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 33, 6 p.

WAGENER, WILLIS W.,* AND ROSS W. DAVIDSON.

1954.

Heart rots in living trees.
Bot. Review 20:61-134.

WALLMO, O. C.

1969.

Response of deer to alternate-strip clearcutting of lodgepole pine and spruce-fir timber in Colorado.
USDA For. Serv. Res. Note RM-141, 4 p.

WALLMO, OLOF C., AND R. BRUCE GILL.*

1971.

Snow, winter distribution, and population dynamics of mule deer in the central Rocky Mountains.
Snow Ice Relation Wildl. Recreation Symp. [Ames, Iowa, Feb. 1971] Proc. 1971:1-15.

WALLMO, O. C., R. B. GILL,* L. H. CARPENTER,* AND D. W. REICHERT.

1973.

Accuracy of field estimates of deer food habits.
J. Wildl. Manage. 37:556-562.

WALLMO, O. C., AND D. J. NEFF.*

1970.

Direct observations of tamed deer to measure their consumption of natural forage.
p. 105-110. In Range and wildlife habitat evaluation—a research symposium. U. S. Dep. Agric. Misc. Publ. 1147, 220 p.

WALLMO, OLOF C., WAYNE L. REGELIN, AND DONALD W. REICHERT.

1972.

Forage use by mule deer relative to logging in Colorado.
J. Wildl. Manage. 36:1025-1033.

WARD, A. LORIN.

1970.

Stomach content and fecal analysis: Methods of forage identification.
p. 146-158. In Range and wildlife habitat evaluation—a research symposium. U. S. Dep. Agric. Misc. Publ. 1147, 220 p.

WARD, A. LORIN.

1971.

In vitro digestibility of elk winter forage in southern Wyoming.
J. Wildl. Manage. 35:681-688.

WARD, A. LORIN.

1973.

Sagebrush control with herbicide has little effect on elk calving behavior.
USDA For. Serv. Res. Note RM-240, 4 p.

WARD, A. LORIN, JERRY J. CUPAL,* ALFRED L. LEA, CHARLES A. OAKLEY,* AND RICHARD W. WEEKS.*

1973.

Elk behavior in relation to cattle grazing, forest recreation and traffic.
North Am. Wildl. Nat. Resour. Conf. [Wash., D. C., Mar. 1973] Trans. 38:327-337.

WARD, A. LORIN,* AND JAMES O. KEITH.

1962.

Feeding habits of pocket gophers on mountain grasslands, Black Mesa, Colorado.
Ecology 43:744-749.

WARD, DONALD E., AND S. CLARK MARTIN.

1972.

Tanglehead—a dual purpose grass.
Ariz. Cattlelog 28(8):18-20.

WARDLE, PETER.*

1968.

Engelmann spruce (*Picea engelmannii* Engelm.) at its upper limits on the Front Range, Colorado.
Ecology 49:483-495.

WATKINS, ROSS K., AND PHILIP J. URNESS.

1972.

Maxillary canine and supernumerary incisors in Arizona Coues white-tailed deer.
Southwest. Nat. 17:211-213.

WEEKS, RICHARD W.,* JERRY J. CUPAL,* AND A. LORIN WARD.

1972.

Telemetry tracking of summer transplanted elk in south central Wyoming.
Int. Telem. Conf. [Los Angeles, Calif., Oct. 1972] Proc. 1972:238-244.

WEEKS, RICHARD W.,* A. LORIN WARD, AND JERRY CUPAL.*

1972.

A telemetry system for studying elk behavior in the Rocky Mountains.
Ninth Ann. Rocky Mt. Bioeng. Symp. and Tenth Int. ISA Biomed. Sci. Istrum. Symp. [Omaha, Nebr., May 1972] Proc., Biomed. Sci. Instrum. 9:177-181.

WEIHING, JOHN L.,* ROBERT INMAN,* AND GLENN W. PETERSON.

1961.

Response of ponderosa and Austrian pine to soil fumigants and seed treatments.
Plant Dis. Rep. 45:799-802.

WEISS, M. J.,* AND J. W. RIFFLE.

1971.

Armillaria root rot in a ponderosa pine plantation in New Mexico.

Plant Dis. Rep. 55:823-824.

WIENS, DELBERT.*

1968.

Chromosomal and flowering characteristics in dwarf mistletoes (*Arceuthobium*).

Am. J. Bot. 55:325-334.

WILFORD, B. H.

1960.

Forest-insect surveys in the central Rocky Mountains.

J. Econ. Entomol. 53:458-462.

WILLIAMS, KNOX.

1972.

Avalanches in our western mountains: What are we doing about them.

Weatherwise 25:220-227.

WILLIAMS, S. E.,* A. G. WOLLUM,* AND E. ALDEN [ALDON].

1971.

Microbial interactions associated with four-winged salt bush (*Atriplex canescens*, Pursh., Nutt.).

Am. Soc. Agron. Annu. Meet. [N. Y. City, N. Y., Aug. 1971] p. 121. (Abstr.)

WILSON, ALVIN K.*

1964.

Timber products output in Arizona and New Mexico, 1962.

U. S. For. Serv. Res. Pap. INT-15, 8 p.

WILSON, ALVIN K.,* AND JOHN S. SPENCER, JR.*

1967.

Timber resources and industries in the Rocky Mountain States.

U. S. For. Serv. Resour. Bull. INT-7, 63 p.

WOODFIN, R. O., JR.

1958.

Effect of dates of poisoning and harvesting on peeling ability of Black Hills ponderosa pine.

U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 34, 4 p.

WOODFIN, RICHARD O., JR.

1960.

Taper in Black Hills ponderosa pine sawtimber trees.

U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 52, 3 p.

WOODFIN, R. O., JR.

1963.

Treating and harvesting interval for debarking ponderosa pine pulpwood with sodium arsenite.

Tech. Assoc. Pulp Pap. Indus. 46(2):73-75.

WOODFIN, R. O. JR., AND E. F. LANDT.

1958.

Conversion of cubic-foot volumes of Black Hills ponderosa pine to cords.

U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 31, 2 p.

WOODFIN, R. O., JR., AND E. F. LANDT.

1960.

Conversion of cubic-foot volumes of Black Hills ponderosa pine to cords.

U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 31, 2 p. (Rev.)

WOODMANSEE, ROBERT G.,* AND LOREN D. POTTER.*

1970.

Vegetative reproduction of fourwing saltbush in New Mexico.

J. Range Manage. 23:371.

WOODMANSEE, ROBERT G.,* AND LOREN D. POTTER.*

1971.

Natural reproduction of winterfat (*Eurotia lanata*) in New Mexico.

J. Range Manage. 24:24-30.

WOODRUFF, N. P.,* R. A. READ, AND W. S. CHEPIL.*

1959.

Influence of a field windbreak on summer wind movement and air temperature.

Kans. Agric. Exp. Stn. Tech. Bull. 100, 24 p.

WORLEY, DAVID P.

1961.

Objectives and methods of economic evaluation on the Beaver Creek watershed project.

West. Agric. Econ. Res. Counc. Conf. Proc., Rep. 9:123-129.

WORLEY, DAVID P.

1962.

Some problems in range economics research.

Am. Soc. Range Manage., Ariz. Sect. [Tempe, Ariz., Jan. 1962] Proc. 1962:37-38.

WORLEY, DAVID P.

1965.

The Beaver Creek pilot watershed for evaluating multiple-use effects of watershed treatments.

U. S. For. Serv. Res. Pap. RM-13, 12 p.

WORLEY, DAVID P.

1966.

Economic evaluation of watershed management alternatives—the Beaver Creek watersheds.

N. M. Water Conf. [Univ. Park, N. M., Apr. 1966] Proc. 11:58-65.

WORLEY, DAVID P.

1966.

A forest inventory approach to multiple-use analysis.

Soc. Am. For. [Seattle, Wash., Sept. 1966] Proc. 1966:138-142.

WORLEY, DAVID P., AND ROBERT L. MILLER.
1964.
A procedure for upstream watershed economic evaluation.
Ariz. Watershed Symp. [Tempe, Ariz., Sept. 1964] Proc. 8:36-39.

WORLEY, DAVID P., GERALD L. MUNDELL,* AND ROBERT M. WILLIAMSON.*
1965.
Gross job time studies—an efficient method for analyzing forestry costs.
U. S. For. Serv. Res. Note RM-54, 8 p.

WORTH, HAROLD E.
1973.
Prospects for new particleboard production in the Rocky Mountains.
p. 58-72. In 'MULE'—Multi-product utilization, labor, and equipment. Rocky Mt. For. Ind. Conf. [Rapid City, S.D., Apr. 1973] Proc. 72 p.

WRIGHT, J. W.,* F. H. KUNG,* R. A. READ, W. A. LEMMIEN,* AND J. N. BRIGHT.*
1971.
Genetic variation in Rocky Mountain Douglas-fir.
Silvae Genet. 20:54-60.

WRIGHT, J. W.,* F. H. KUNG,* R. A. READ, R. J. STEINHOFF,* AND J. W. ANDRESEN.*
1970.
The Christmas tree possibilities of southwestern white and limber pines.
Am. Christmas Tree J. 14(4):27-31.

WRIGHT, J. W.,* F. H. KUNG,* R. A. READ, R. J. STEINHOFF,* AND J. W. ANDRESEN.*
1971.
Nine-year performance of *Pinus flexilis* and *P. strobiformis* progenies in Michigan and Nebraska.
Silvae Genet. 20:211-214.

WRIGHT, JONATHAN W.,* SCOTT S. PAULEY,* R. BROOKS POLK,* JALMER J. JOKELA,* AND RALPH A. READ.
1966.
Performance of Scotch pine varieties in the north central region.
Silvae Genet. 15:101-110.

WRIGHT, J. W.,* R. A. READ, AND W. H. BARRETT.*
1970.
Uso de la variacion geografica en el mejoramiento de las plantaciones de 'pino de Oregon' en la republica Argentina. [Use of the geographic variation in the betterment of the plantations of Oregon-pine in the Argentine Republic].
Idia, Supl. For. 6:1-11.

WRIGHT, J. W.,* R. A. READ, F. H. KUNG,* J. N. BRIGHT,* AND W. A. LEMMIEN.*
1970.
Better Douglas-fir for eastern United States.
Am. Christmas Tree J. 14(3): 23, 24, 26-28.

WRIGHT, JONATHAN W.,* RALPH A. READ, DONALD T. LESTER,* CLAIR MERRITT,* AND CARL MOHN.*
1972.
Geographic variation in red pine: 11-year data from the North Central States.
Silvae Genet. 21:205-210.

WYGANT, N. D.
1958.
Engelmann spruce beetle control in Colorado.
Tenth Int. Congr. Entomol. Proc. 4:181-184.

WYGANT, NOEL D.
1958.
Status of insect control on private forest lands in the Southwest.
p. 21-24. In Time for action in the woods. Timberland Owners' Conf., Southwest. Reg. [Santa Fe, N. M., Sept. 1958] Proc., 44 p.

WYGANT, NOEL D.
1959.
Bark beetle control.
J. For. 57:274-277.

WYGANT, N.D., AND R. RODRIGUEZ LARA.*
1967.
Pine engraver.
p. 117-119. In Important Forest Insects and Diseases of Mutual Concern to Canada, the United States and Mexico. North Am. For. Comm., FAO., 248 p., Can. Dep. For. Rural Dev., Ottawa.

WYGANT, N. D., AND R. R. LEJEUNE.*
1967.
Engelmann spruce beetle.
p. 92-95. In Important Forest Insects and Diseases of Mutual Concern to Canada, the United States and Mexico. North Am. For. Comm., FAO., 248 p., Can. Dep. For. Rural Dev., Ottawa.

WYOMING HIGHWAY DEPARTMENT.
1971.
A blizzard wizard's role in snow control.
The Highwayman 21(4):2-5.

WYOMING HIGHWAY DEPARTMENT.
1972.
Fencing parries winter's thrusts.
The Highwayman 22(1):12-14.

WYSONG, DAVID S.,* AND GLENN W. PETERSON.
1965.
Oak wilt in Nebraska.
Plant Dis. Rep. 49:269.

WYSONG, DAVID S.,* AND GLENN W. PETERSON.
1966.
Known distribution of Dutch elm disease in Nebraska, 1965.
Plant Dis. Rep. 50:618.

XYZ

YAMAMOTO, TERUO, AND HENRY W. ANDERSON.*

1973.

Splash erosion related to soil erodibility and other forest soil properties in Hawaii.

Water Resour. Res. 9:336-345.

YAMAMOTO, TERUO, AND HOWARD K. ORR.

1972.

Morphometry of three small watersheds, Black Hills, South Dakota, and some hydrologic implications.

USDA For. Serv. Res. Pap. RM-93, 15 p.

YASINSKI, F. M.

1956.

Forest insect conditions in Arizona and New Mexico, 1955.

U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 23, 9 p.

YASINSKI, F. M.

1957.

Pilot test of ethylene dibromide in an oil solution for control of roundheaded pine beetle, Coconino National Forest—1956.

U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn. Res. Note 29, 2 p.

YASINSKI, F. M., AND D. A. PIERCE.

1957.

Forest insect conditions in Arizona and New Mexico—1956.

U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 26, 18 p.

YASINSKI, F. M., AND D. A. PIERCE.

1958.

Forest insect conditions in Arizona, New Mexico, and West Texas—1957.

U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 30, 10 p.

YASINSKI, F. M., AND D. A. PIERCE.

1958.

Forest insect conditions in Arizona, New Mexico, and West Texas—1958.

U. S. Dep. Agric., For. Serv., Rocky Mt. For. and Range Exp. Stn., Stn. Pap. 39, 13 p.

YERKES, VERN P.

1966.

Weight and cubic-foot relationships for Black Hills ponderosa pine saw logs.

U. S. For. Serv. Res. Note RM-78, 4 p.

YERKES, VERN P.

1967.

Effect of seasonal stem moisture variation and log storage on weight of Black Hills ponderosa pine.

U. S. For. Serv. Res. Note RM-96, 8 p.

YERKES, VERN P., R. DUANE LLOYD, AND GORDON D. LEWIS.*

1968.

Softwood plywood in the United States—production and distribution in 1965.

U. S. For. Serv. Res. Pap. RM-34, 23 p.

YERKES, VERN P., AND DONALD C. MARKSTROM.

1968.

Composting ponderosa pine bark—effects of nitrogen addition and aeration.

USDA For. Serv. Res. Note RM-126, 4 p.

YERKES, VERN P., AND R. O. WOODFIN, JR.*

1972.

Veneer recovery from Black Hills ponderosa pine.

USDA For. Serv. Res. Pap. RM-82, 23 p.

ZYZNAR, EDWARD,* AND PHILLIP J. URNESS.

1969.

Qualitative identification of forage remnants in deer feces.

J. Wildl. Manage. 33:506-510.



